Scanner Frequencies

Aviation Frequencies Amateur Radio Frequencies Family Radio Service Cellular **Cordless Phones** Canadian/US International VHF Marine **Satellite Frequencies Federal Frequencies General Frequencies Short-wave Frequencies Maritime VHF Frequencies World Wide Beacon Frequencies Fast Food Frequencies Pager Frequencies General NASA Frequencies HF Sitor Frequencies** Family 2 Way Radio Frequencies **Rail Road Frequencies NASCAR Frequencies Global Network Frequencies HF DEA Frequencies Hurricane Frequencies Mystic Star Frequencies New Zealand R&R Frequencies RTTY Frequencies Popular SW Bands Rescue Frequencies**

Common Codes

<u>Gonoral 7171ation 1 roquonolog</u>	
Firefighting emergency air tactics	118.925
Firefighting emergency air tactics	118.95
Firefighting emergency air trafic control	119.95
EMERGENCY	121.5
Ground control	121.6
Ground control	121.65
Ground control	121.7
Ground control	121.75
Ground control	121.8
Ground control	121.85
Ground control	121.9
Flight service (private aircraft)	121.975
Flight service (Flight Watch)	122.0
Flight service (Aircraft transmit)	122.1
Flight service (Aircraft transmit)	122.15
Flight service (common enroute)	122.2
Balloons	122.25
Flight service	122.3
Flight service	122.35
Flight service	122.4
Flight service (aircraft transmit)	122.45
Flight service (airport advisory)	122.6
Unicom (controlled airports)	122.7
Unicom (private airports)	122.725
Unicom (air to air)	122.75
Unicom (uncontrolled airports)	122.8
Multicom	122.85
Multicom	122.9
Muticom (plane to plane)	122.925
Unicom (controled airports)	122.95
Unicom (high altitude)	122.975
Unicom (Uncontroled airports)	123.0
Unicom (helicopters)	123.025
Unicom (helicopters)	123.05
Unicom (helicopters)	123.075
Search and Rescue	123.1
Muticom (air to air informal)	123.45
Airport advisory	123.6
Military airports	126.2
, ,	

USB/HF Airband Frequencies

Africa - AFI

General: 2851, 2878, 3419, 3425, 3467, 4657, 5493, 5517, 5652, 6559, 6574, 6673, 8894, 8903, 11300,11330, 13273, 13288, 13294, 17961

<u>AFI 1</u>

Abidjan 6535, 6673, 8861 Bamako 6673, 8861

Bissau 6535, 8861, 13357, 17955 Canaries 3452, 6535, 8861, 13357, 17955

Cassablanca 3452, 6535, 8861, 13357

Conakr 8861

Dakar 3452, 6535, 6673, 8861, 13357, 17955

Freetown 6673, 8861 Korhogo 6673

Monrovia/Roberts 3452, 6673, 8861 5670, 6673, 8861 Nouadhibou Nouakchott 5670, 6673, 8861

Ouagadougou 6673 Sanaa 5658

Sal 3452, 6535, 8861, 13357, 17955

AFI 2

Algiers 3419, 5652, 8894, 13273, 17961

Ghardaia 5552, 8894 13294, 6879, 9495 Kano

Maiduguri 5652 N'Djamena 5652, 8894

Niamey 3419, 5652, 8894, 13273, 13294 Tamanrasset 3419, 5652, 8894, 13273, 17961 Tripoli 3419, 5652, 8894, 13273

3411, 5519, 8826 Tunis

AFI 3

Addis Ababa 3467, 5517, 11300, 13268, 17961

Aden 3467, 5517, 11300, 13288

Benghazi 3467, 5517, 11300 Bombay 3467, 5517, 13288 Bujumbura 11300, 13288

Cairo 3467, 5517, 6574, 11300, 13288

Comores 5517, 11300

Dar es Salaam 8879

Djibouti 5505, 5659, 8959 Hargeisa 5517, 11300 Jeddah 5517, 11300

3467, 5517, 6574, 11300, 13288 Khartoum

Kigali 5517, 11300, 13288 Male 3467, 5517, 13288 Mogadishu 5517. 11300 Nairobi 3467, 5517, 11300

3467, 5517, 11300, 13288 Riyan

Sanaa 11300

3467, 5517, 11300, 13288, 17961, 8903 Seychelles

Tripoli 5517, 11300

AFI 4

Abidjan 13294, 6586

Accra 5493, 8903, 13294, 6586

Bangui 6559, 8903

Brazzaville 2878, 5493, 6559, 8903, 13294, 8873

Bujumbura 8903, 13294

5493, 13294, 6586, 8888 Gabarone

Gbadolite 8903

Johannesburg 6559, 21926, 8826 Kano 8903, 13294, 6879, 9495

Kisangani 8903

Kinshasa 2878, 5493, 8903, 13294

Kumasi 8903, 6586

Lagos 5493, 8903, 13294, 6586, 9495

Libreville 6559, 8903, 8873

Lome 6586

Luanda 2878, 5493, 8903, 13294

Lubumbashi 8903

Maiduguri 2878, 5493, 8903 N'Djamena 2878, 5493, 8903,13294 Niamey 2878, 5493, 8903, 13294, 6586

Ouagadougou 6586, 6673 Sao Tome 5493, 8903, 13294

Windhoek 8861

AFI-5

Antananarivo 3476, 5634, 8879, 13306 Beira 3425, 3476, 4657, 8879, 13306

Bombay 8879, 10018 Bujumbura 8879, 13306

Cocos 3476, 5634, 8879, 13306, 17961

Colombo 8879, 13306 Comores 4657, 8879 Dar es Salaam 8879, 11306

Harare 8879, 3682, 6915, 8849, 8861

Johannesburg 6559, 8826, 21926

Mahajanga 4657, 8879

Male 3306

Mauritius 3476, 5634, 8879, 13306 Nairobi 5634, 8879, 13306

Perth 3476, 5634, 8879, 11306, 17961

St. Denis 3476, 5634, 8879

Seychelles 3425, 3476, 4657, 5634, 8879, 13306, 17961, 10018

Caribbean - CAR

General: 2887, 3455, 5520, 5550, 6577, 6586, 8846, 8918, 11387, 11396, 13297, 17907

CAR

Barranquilla 2887, 6577, 8918, 11387

Bogota 8918 Cayenne 5550, 8918

Cenamer 2887, 5550, 6577, 8918, 11396, 13297

Havana 2887, 5550, 6577, 8918, 11396, 13297, 13339

Maiguetia 5550, 6577, 8918, 13297

Merida 2887, 5550, 6577, 8918, 11396, 13297, 17907 New York 2887, 5550, 6577, 8918, 11396, 13297, 17907, 8846

Panama 6577, 8918, 11396, 5520

Paramaribo 5550, 6577, 8918

Piarco 2887, 6577, 11387, 13297 San Andres 6577, 8918, 6532, 6728, 10017

Central East Pacific - CEP

General: 2869, 3413, 4657, 5547, 6673, 8843, 10057, 11282, 13300, 17904

CEP

Honolulu 3413, 5547, 5574, 8843, 11282, 13288, 13354, 17904

San Francisco 2869, 3413, 5547, 5574, 6673, 8843, 10057, 11282, 13288, 13354, 17904

Central West Pacific - CWP

General: 2998, 3455, 4666, 5652, 5661, 6532, 6562, 8903, 10081, 11384, 13300, 17904

CWP

Guam 2998, 6532, 8903, 11384, 13300, 17904

Hong Kong 6532, 8903, 13300

Honolulu 2998, 4666, 6532, 8903, 11384, 13300, 17904

Manila 2998, 6532, 6562, 8903, 13300, 17904 Naha 2998, 4666, 6532, 8903, 11384, 13300

Port Moresby 2998, 6532, 8903, 13300 Seoul 2998, 6532, 8903, 13300

Taipei 6532, 8903, 13300

Tokyo 2998, 4666, 6532, 8903, 13300, 17904

East Asia - EA

General: 3016, 3485, 5649, 5655, 6571, 8897, 8942, 10042, 11396, 13309, 17907, 17958

EA-1

3016, 6571, 8897, 10042, 17958 Beiiina 3016, 6571, 8897, 10042, 17958 Hailar Guangzhou 3016, 6571, 8897, 10042, 17958 Irkutsk 3016, 6571, 8897, 10042, 17958 3016, 6571, 8897, 10042, 17958 Jinan Kunming 3016, 6571, 8897, 10042, 17958 Lanzhou 3016, 6571, 8897, 10042, 17958 Pyongyang 3016, 6571, 8897, 10042, 17958 3016, 6571, 8897, 10042, 17958 Shanghai Shenyang 3016, 6571, 8897, 10042, 17958 Taegu 3016, 6571, 8897, 10042, 17958 3016, 6571, 8897, 10042, 17958 Ulaanbaator Urumai 3016, 6571, 8897, 10042, 17958 Wuhan 3016, 6571, 8897, 10042, 17958 Zhengzhou 3016, 6571, 8897, 10042, 17958

EA-2

Guangzhou 3485, 5649, 5655, 8942, 11396, 13309, 17907 Irkutsk 3485, 5649, 5655, 8942, 11396, 13309, 17907 Pyongyang 3485, 5649, 5655, 8942, 11396, 13309, 17907 Ulanbaator 3485, 5649, 5655, 8942, 11396, 13309, 17907

Europe - EUR

General: 3479, 5661, 6598, 10084, 13288, 17961

EUR

Beirut 2910, 4689, 8875

Berlin 3479, 5661, 6598, 10084

Malta 5661, 10084

Tunis 4689

Middle East - MID

General: 6625, 6631, 8918, 8951, 10018, 11375, 13288, 13312, 17961

<u>MID-1</u>

Aden 5667, 8918

Amman 2992, 5667, 8918, 13312

Baghdad 2992, 5667, 8918

Basrah 3404, 5603, 8847, 13336 Beirut 3404, 5603, 8847, 13336 Damascus 2992, 5667, 8918, 13312

Jeddah 2992, 5667, 8918

Kuwait 2992, 5667, 8918, 13312

Riyan 5667, 8918

Sanaa 8918

Tehran 5667, 8918, 13312

MID-2

Bombay 3467, 5658, 10018, 13288 Delhi 3467, 5658, 10018, 13288

Islamabad 5601, 2923

Kabul 3467, 5658, 10018, 13288 Karachi 3467, 5601, 5658, 10018, 13288

Kathmandu 5658, 10018 Kuwait 5658, 10018, 13288 Lahore 3467, 5601, 5658, 10018

Male 3467, 5658, 10018, 13288

Muscat5658, 10018Peshawar5601, 2923Seychelles10018Shiraz5658, 10018Tehran5658, 10018, 13288

North Atlantic - NAT

General: 5598, 5616, 5649, 6622, 6628, 8825, 8831, 8864, 8879, 8891, 8906, 11279,

1309, 11336, 13291, 13306, 17946

NAT-A

Canaries 3016, 5598, 8906, 13306, 17946

NAT-B

Gander 2899, 5616, 8864, 13291 Reykjavik 2899, 5616, 8864, 13291

Shanwick 2899, 5616, 8864, 13291, 17946

NAT-C

Gander 2872, 5649, 8879, 11336,13306 Reykjavik 2872, 5649, 8879, 13306

Shanwick 2872, 5649, 8879, 11336, 13306, 17946

NAT-D

Bodo 2971, 4675, 8891, 11279, 4666, 6544, 8840

Cambridge Bay 2971, 4675, 8891, 11279

Churchill 2971, 4675, 8891

Montreal 2971, 4675, 8891, 11279 Kangerlussuaq 2950, 5526, 8945, 10042 Reykjavik 2971, 4675, 8891, 11279, 13291

Shanwick 2971, 4675, 8891, 13291, 17946

NAT-E

New York 2962, 6628, 8825, 11309, 17946 Santa Maria 2962, 6628, 8825, 11309, 17946

NAT-F

Gander 3476, 6622, 8831, 13291 Shanwick 3476, 6622, 8831, 13291

Other Areas

NCA (North Central America)

2851, 3019, 3004, 3019, 4678, 5646, 5664, 6592, 100039, 10096, 13303, 13315, 17958

NP (North Pacific)

2932, 5628, 5677, 6655, 6661, 6665, 10048, 11330, 13294, 13300, 13339, 17904, 17946, 21925

SAM (South America)

2944, 3479, 4669, 5526, 6649, 8855, 10024, 10096, 11360, 13297, 17907

SAT (South Atlantic)

2854, 2935, 3452, 5565, 6535, 8861, 11291, 13315, 13359, 17955

SEA (South East Asia)

3470, 3485, 5649, 5655, 5733, 6556, 8942, 10066, 11396, 13309, 13318, 17907

SP (South Pacific)

3467, 5559, 5643, 8867, 10084, 11327, 13273, 13300, 17904

NATO and SAR (Search And Rescue) Common Frequencies

NATO Common Approach	362.3
NATO Common Radar	344.0
NATO Common Radar Fix	317.5
NATO Common Tower	122.1
NATO Common Low Level	300.8
NATO Common Radar	123.3
NATO Common Radar	385.4
NATO Common Tower	257.8
NATO Discreet Ops Operations	249.875
RESCUE SAR (Primary) Search and	Rescue 282.8
GUARD Stand By / Watch	243.4
EMERGENCY Distress / Mayday	243.0
SAR Rescue VHF Primary	123.1
SAR Rescue Standby	138.7
Marine CH 06 Air/Ship	156.3
SAR Rescue Scene of Search	244.6
SAR Rescue Unicom Incident	130.425

Marine CH 00 EMERGENCY 160.60 Marine CH 16 DISTRESS 156.80 SAR Rescue Training 252.80

<u>Authorized Frequency Bands - Amateur Service</u>

160meters 1800-2000khz 80meters 3675-3725khz 40meters 7100-7150khz 30meters 10.1-10.15mhz 20meters 14.025-14.15mhz 14.225-14.35mhz 17meters 18.068-18.11mhz 18.11-18.168mhz 15meters 21.1-21.2mhz 12meters 24.89-24.99mhz 10meters 28.1-28.5mhz 28.3-28.5mhz 6meters 50-54mhz 2meters 144-148mhz 1.25meters 222-225mhz 70cm 420-450mhz 33cm 902-908mhz

23 cm 1

Canadian, US and International VHF Marine Frequencies

270-1295mhz

VHF Marine Frequency Allocations

U=U.S. C=Canadian I=International

СН	U	С	I	тх	RX	Usage
01A	Х			156.050		Port Operation & Commercial, Selected VTS
01		Х	Х	156.050	160.650	Marine Operator
02		Х	Х	156.100 160.700		Marine Operator
03A	Х			156.	150	US Govt. only, Coast Guard
03		Х	Х	156.150	160.750	Marine Operator
04A		Х		156.200		Coast Guard (Pacific Coast)
04			X	156.200	160.800 Marine Operator, Port Operation Ship Movement	

05A	X	X		156.250		Port Operation, Seattle VTS
05			X	156.250 160.850		Marine Operator, Port Operation, Ship Movement
06	Х	Х	Х	156	.300	Inter-Ship Safety
07A	X	Х		156	.350	Commercial
07			X	156.350	160.950	Marine Operator, Port Operation, Ship Movement
80	X	Х	X	156	.400	Commercial (Inter-ship only)
09	Х	Х	X	156	.450	Boater Calling Channel, Commercial & Recreational
10	X	Х	X	156	.500	Commercial
11	X	Х	X	156	.550	Commercial, VTS (Selected areas
12	Х	Х	X	156.600		Port Operation, VTS (Selected areas)
13	X	Х	X	156	.650	Intership Navigation Safety (bridge to-bridge)
14	X	Х	X	156	.700	Port Operation, VTS (Selected areas)
15	X			-	156.750	Environmental (Receive only)
16	X	X	X	156	.800	International Distress, Safety and Calling
17	X	Х	Х	156	.850	State Controlled (?!) - 1 Watt
18A	X	Х		156	.900	Commercial
18			Х	156.900	161.500	Port Operation, Ship movement
19A	Х			156	.950	Commercial
19A		Х		156	.950	Coast Guard
19			Х	156.950	161.550	Port Operation, Ship movement
20A	X			157	.000	Port Operation
20		Х	Х	157.000 161.600		Canadian: Coast Guard only, Intn' Port Operations

21A	X	X		157.050		US Gov't only, Canadian Coast Guard
21			Х	157.050	161.650	Port Operation, Ship movement
22A	Х	Х		157.	.100	US & Canadian Coast Guard
22			Х	157.100	161.700	Port Operation, Ship movement
23A	X			157.	150	US Gov't Only
23		Х	Х	157.150	161.750	Marine Operator
24	X	Х	X	157.200	161.800	Marine Operator
25	X	Х	X	157.250	161.850	Marine Operator
26	X	Х	X	157.300	161.900	Marine Operator
27	Х	Х	Х	157.350	161.950	Marine Operator
28	Х	Х	Х	157.400	162.000	Marine Operator
60		Х	X	156.025	160.625	Marine Operator
61A	X	X		156.075		US: Gov't only, Canadian Coast Guard
61			X	156.075	160.675	Marine Operator, Port Operation, Ship Movement
62A		Х		156.	.125	Coast Guard (Pacific Coast)
62			X	156.125	160.725	Marine Operator, Port Operation, Ship Movement
63A	X			156.	.175	Port Operation & Commercial, VTS (Selected areas)
63			X	156.175	160.775	Marine Operator, Port Operation, Ship Movement
64A	Х	Х		156.	225	US: Gov't only, Canadian Commercial Fishing
64			Х	156.225	160.825	Marine Operator, Port Operation, Ship Movement
65A	Х	Х		156.	275	Port Operations
65			X	156.275	160.875	Marine Operator, Port Operation, Ship Movement

66A	X	Х		156.325		Port Operations
66			X	156.325	160.925	Marine Operator, Port Operation, Ship Movement
67	X	Х	X	156.	.375	US: Commercial, Canada: Commercial Fishing, S&R
68	Х	Х	Х	156.	.425	Recreational
69	X	X	X	156.	.475	US: Recreational, Canada: Commercial Fishing only
70	X	Х	X	156.	.525	DSC – no voice communications allowed
71	X	Х	Х	156.	.575	Recreational, Int'l: Port Operations
72	Х	Х	Х	156.	.625	Non-Commercial (Inter-Ship Only)
73	X	Х	Х	156.	.675	US: Port Operations, Canada: Commercial Fishing only
74	X	Х	Х	156.725		US: Port Operations, Canada: Commercial Fishing only
77	Х	Х	Х	156.	.875	Port Operations (Inter-ship only)
78A	Х	Х		156.	.925	Recreational
78			Х	156.925	161.525	Marine Operator, Port Operation, Ship Movement
79A	Х	Х		156.	.975	Commercial
79			Х	156.975	161.575	Port Operations and Ship Movement
80A	Х	Х		157.	.025	Commercial
80			Х	157.025	161.625	Port Operation, Ship Movement
81A	Х	Х		157.	.075	US Gov't only – Environmental Protection operations
81			Х	157.075	161.675	Port Operations, Ship Movement
82A	Х	Х		157.125		US: Gov't only, Canada: Coast Guard
82			Х	157.125	161.725	Marine Operator, Port Operation, Ship Movement

83A	X	Х		157.175		US: Gov't only, Canada: Coast Guard
83			Х	157.175	161.775	Marine Operator
84	Х	Х	Х	157.225	161.825	Marine Operator
85	Х	Х	Х	157.275	161.875	Marine Operator
86	Х	Х	Х	157.325	161.925	Marine Operator
87	Х	Х	Х	157.375	161.975	Marine Operator
88A	Х			157.	.425	Commercial (Inter-ship)
88		Х	X	157.425	162.025	Public Correspondence (Ship-to-coast)
WX01	Х	Х	Х	-	162.550	Weather (Receive only)
WX02	Х	Х	Х	-	162.400	Weather (Receive only)
WX03	Х	Х	Х	-	162.475	Weather (Receive only)
WX04	Х	Х	Х	-	162.425	Weather (Receive only)
WX05	Х	Х	Х	-	162.450	Weather (Receive only)
WX06	Х	Х	Х	-	162.500	Weather (Receive only)
WX07	Х	Х	Х	-	162.525	Weather (Receive only)
WX08	Х	Х	Х	-	161.650	Weather (Receive only)
WX09	Х	Х	Х	-	161.775 Weather (Receive only)	
WX10	Х	Х	Х	-	163.275	Weather (Receive only)

CB Radio Channels

Channel	Frequency	Channel	Frequency
1	26.965	21	27.215
2	26.975	22	27.225
3	26.985	23	27.255
4	27.005	24	27.235
5	27.015	25	27.245
6	27.025	26	27.265
7	27.035	27	27.275
8	27.055	28	27.285
9	27.065	29	27.295
10	27.075	30	27.305
11	27.085	31	27.315
12	27.105	32	27.325
13	27.115	33	27.335
14	27.125	34	27.345
15	27.135	35	27.355
16	27.155	36	27.365
17	27.165	37	27.375
18	27.175	38	27.385
19	27.185	39	27.395
20	27.205	40	27.405

Family Radio Service

Chan	Freq.	Chan	Freq.		
(1)	462.5625	(8)	467.5625		
(2)	462.5875	(9)	467.5875		
(3)	462.6125	(10)	467.6125		
(4)	462.6375	(11)	467.6375		
(5)	462.6625	(12)	467.6625		
(6)	462.6875	(13)	467.6875		
(7)	462.7125	(14)	467.7125		

Cellular Telephone Frequency List

Unlike the rest of the 800MHz band, cellular frequencies are spaced 30 kHz apart. Be forewarned that it is common to hear XXX language and adult subject matter on a regular basis. This type of listening is not suitable for family entertainment. In most areas of North America, there are two service providers available to the customer.

Service A	Service B
824.040 - 834.990	835.020 - 844.980
869.040 - 879.990	880.020 - 889.980
845.010 - 846.480	846.510 - 848.970
890.010 - 891.480	891.510 - 893.970

Cordless Telephone Frequency List

Chan	Base	Handset	Char	Base	Handset	Ch	an Base	e Handset
01	43.720	48.760	11	44.320	49.280	21	46.77	0 49.830
02	43.740	48.840	12	44.360	49.360	22	46.83	80 49.890
03	43.820	48.860	13	44.400	49.400	23	46.87	0 49.930
04	43.840	48.920	14	44.460	49.460	24	46.93	30 49.990
05	43.920	49.020	15	44.480	49.500	25	46.97	0 49.970
06	43.960	49.080	16	46.610	49.670			
07	44.120	49.100	17	46.630	49.845			
80	44.160	49.160	18	46.670	49.860			
09	44.180	49.200	19	46.710	49.770			
10	44.200	49.240	20	46.730	49.875			
	_			_			_	
CH	Base	Handset	CH	Base	Handset	CH	Base	Handset
01	902.100			902.700	926.700	41	903.300	927.300
02		926.130		902.730	926.730	42	903.330	927.330
03		926.160		902.760		43		927.360
04		926.190		902.790		44		927.390
05		926.220		902.820	926.820	45	903.420	927.420
06	902.250			902.850	926.850	46	903.450	927.450
07	902.280			902.880	926.880	47	903.480	927.480
08		926.310 926.340		902.910 902.940		48 49		927.510 927.540
10	902.370			902.940	926.970	50	903.570	927.570
11		926.400		903.000		51	903.600	
12		926.430		903.030	927.030	52		927.630
13		926.460		903.060		53		927.660
14		926.490		903.090		54		927.690
15		926.520			927.120	55		927.720
16		926.550			927.150			927.750
17		926.580			927.180			927.780
18		926.610			927.210	58		927.810
19		926.640			927.240	59		927.840
20		926.670			927.270	60	903.870	927.870

V-Tech (20 Channels)

СН	Base	Handset	СН	Base	Handset
01	905.600	925.500	11	906.600	926.500
02	905.700	925.600	12	906.700	926.600
03	905.800	925.700	13	906.800	926.700
04	905.900	925.800	14	906.900	926.800
05	906.000	925.900	15	907.000	926.900
06	906.100	926.000	16	907.100	927.000
07	906.200	926.100	17	907.200	927.100
80	906.300	926.200	18	907.300	927.200
09	906.400	926.300	19	907.400	927.300
10	906.500	926.400	20	907.500	927.400

Shortwave Bands

SHORTWAVE BROADCAST BANDS
3900 - 4000 75 Meters
4750 - 5060 60 Meters
5850 - 6200 49 Meters
7100 - 7350 41 Meters
9400 - 9900 31 Meters
11600 - 12050 25 Meters
13570 - 13800 22 Meters
15100 - 15800 19 Meters
17480 - 17900 16 Meters
18900 - 19020 15 Meters
21450 - 21850 13 Meters
25600 - 26100 11 Meters

TV Audio Frequencies

Use wide FM mode to receive TV audio.

Channel	MHz
2	59.75
3	65.75
4	71.75
5	81.75
6	87.75
7	179.75
8	185.75
9	191.75
10	197.75
11	203.75
12	209.75
13	215.75
14	475.75
15	481.75
16	487.75
17	493.75
18	499.75
19	505.75
20	511.75
21	517.75
22	523.75
23	529.75
24	535.75
25	541.75
26	547.75
27	553.75
28	559.75
29	565.75
30	571.75
31	577.75
32	583.75
33	589.75
34	595.75
35	601.75

Channel	MHz
36	607.75
37	613.75
38	619.75
39	625.75
40	631.75
41	637.75
42	643.75
43	649.75
44	655.75
45	661.75
46	667.75
47	673.75
48	679.75
49	685.75
50	691.75
51	697.75
52	703.75
53	709.75
54	715.75
55	721.75
56	727.75
57	733.75
58	739.75
59	745.75
60	751.75
61	757.75
62	763.75
63	769.75
64	775.75
65	781.75
66	787.75
67	793.75
68	799.75
69	805.75

Satellite Frequencies

Military NavSats

Plane 1

24953 Cosmos 2346 (150.03, 400.08 MHz) ACTIVE

24304 Cosmos 2334 (150.03, 400.08 MHz) Working standby

23773 Cosmos 2327 (149.97, 399.92 MHz) Failed

22888 Cosmos 2266 (149.97, 399.92 MHz) Working standby

22006 Cosmos 2195 (149.97, 399.92 MHz) Off (status unknown)

Plane 2

24772 Cosmos 2341 (149.91, 399.76 MHz) ACTIVE

23526 Cosmos 2310 (149.91, 399.76 MHz) Working standby

21937 Cosmos 2184 (149.91, 399.76 MHz) Working standby

20577 Cosmos 2074 (149.91, 399.76 MHz) Failed

Plane 3

22207 Cosmos 2218 (149.94, 399.84 MHz) Off

21666 Cosmos 2154 (149.94, 399.84 MHz) ACTIVE

Plane 4

24677 Cosmos 2336 (149.97, 399.92 MHz) ACTIVE

22590 Cosmos 2239 (149.97, 399.92 MHz) Off (status unknown)

21796 Cosmos 2173 (149.97, 399.92 MHz) Off (status unknown)

Plane 5

22590 Cosmos 2361 (150.03, 400.08 MHz) ACTIVE

21230 Cosmos 2142 (150.03, 400.08 MHz) Failed

22487 Cosmos 2233 (150.03, 400.08 MHz) Off (status unknown)

Plane 6

23092 Cosmos 2279 (149.94, 399.84 MHz) ACTIVE

21875 Cosmos 2180 (149.94, 399.84 MHz) Off (status unknown)

19826 Cosmos 2004 (149.94, 399.84 MHz) Off (status unknown)

Civilian NavSats

Plane 11

23603 Cosmos 2315 (150.00, 400.00 MHz) ACTIVE

22307 Cosmos 2230 (150.00, 400.00 MHz) Off (status unknown)

21902 Cosmos 2181 (150.00, 400.00 MHz) Off (status unknown)

17066 Cosmos 1791 (150.00, 400.00 MHz) Off (status unknown)

Plane 12

21152 Nadezhda 3 (150.00, 400.00, OFF 1544.50 MHz)

Plane 13

23463 Tsikada (150.00, 400.00 MHz) ACTIVE

21089 Cosmos 2123 (150.00, 400.00 MHz) Failed

Plane 14

25567 Nadezhda 5 (150.00, 400.00, ACTIVE 1544.50 MHz)

23179 Nadezhda 4 (150.00, 400.00, Working standby 1544.50 MHz)

20508 Nadezhda 2 (150.00, 400.00, Failed 1544.50 MHz)

STATUS REPORT POSTING

Orbcom Satellites CAT# LAUNCH YR/PIECE SATELLITE INCLIN. FREQ STATUS

Plane 0 - flight prototypes

23545 95017A FM 01 69.9721 f1

Off

23546 95017B FM 02 69.9763 f1 Operational

Plane 1

25112 97084A FM 08 45.0254 f3 Operational

25113 97084B FM 10 45.0223 f3 Operational

25114 97084C FM 11 45.0247 f4 Operational

25115 97084D FM 12 45.0231 f4 Operational

25116 97084E FM 09 45.0283 f3 Operational 25117 97084F FM 05 45.0216 f3 Operational 25118 97084G FM 06 45.0224 f3 Operational 25119 97084H FM 07 45.0191 f4 Off Plane 2 ------ 25158 98007B FM 03 107.9977 f2 Operational 25159 98007C FM 04 107.9922 f2 Operational Plane 3 ------ 25413 98046A FM 13 44.9984 f6 Operational 25414 98046B FM 14 45.0019 f5 Operational 25415 98046C FM 15 44.9997 f4 Operational 25416 98046D FM 16 45.0017 f4 Operational 25417 98046E FM 20 44.9991 f4 Operational

25418 98046F FM 19 45.0025 f5 Operational 25419 98046G FM 18 45.0006 f6 Operational 25420 98046H FM 17 45.0008 f6 Operational

Plane 4

25475 98053A FM 21 45.0154 f7/8 Testing 25476 98053B FM 22 45.0114 f7/8 Testing 25477 98053C FM 23 45.0176 f7/8 Testing 25478 98053D FM 24 45.0188 f7/8 Testing 25479 98053E FM 25 45.0163 f7/8 Testing 25480 98053F FM 26 45.0156 f7/8 Testing 25481 98053G FM 27 45.0156 f7/8 Testing 25482 98053H FM 28 45.0109 f7/8 Testing

Weather Satellite Frequencies

NOAA 12 ON 137.50MHz NOAA 14 ON 137.62 NOAA 15 ON 137.50 METEOR 2-21 OFF METEOR 3-5 ON 137.85 OKEAN 4 (1-7) ON 137.40 SICH 1 ON 137.40 RESURS O 1-4 ON 137.85* Frequency change

The Amateur Radio Satellite STATUS REPORT

CAT# SATELLITE OPERATING FREQS STATUS

16609 MIR/SAFEX 437.950 MHz FM Semi-Operational MIR/SAFEX II 437.925 MHz FM Semi-Operational MIR/PMS 145.985 MHz FM Operational MIR/VOICE 145.985 MHz FM Operational

21089 RS-12/13 29.410-29.450 MHz CW/SSB Operational Beacon 29.408 MHz CW Operational Robot 21.129 MHz CW Operational 23439 RS-15 29.354-29.394 MHz CW/SSB Semi-Operational

Beacon 1 29.352 MHz CW Beacon 2 29.398 MHz CW

24744 RS-16 29.415-29.448 MHz CW/SSB Standby

Beacon 1 29.408 MHz CW Non-Operational

Beacon 2 29.451 MHz CW Non-Operational

Beacon 3 435.504 MHz CW Operational

Beacon 4 435.548 MHz CW Operational

14129 AO-10 145.975-145.825 MHz CW/USB Semi-Operational Beacon 145.810 MHz Carrier

22825 AO-27 436.792 MHz FM Operational

20480 FO-20 435.80-435.90 MHz CW/USB Operational Beacon 435.795 MHz CW

24278 FO-29

Voice/CW Mode 435.80-435.90 MHz CW/USB Operational Digital Mode 435.910 MHz FM 9600 BPSK Standby

22077 KO-23 435.175 MHz FM Operational 9600 bps FSK

22828 KO-25 436.500 MHz FM Operational 9600 bps FSK

UO-11 145.825 MHz FM Operational 1200 Baud PSK Beacon 2401.500 MHz

20439 AO-16 437.0513 MHz SSB Operational 1200 bps RC-BPSK 1200 Baud PSK Beacon 2401.1428 MHz Standby

20440 DO-17 145.825 MHz FM Non-Operational 1200 Baud AFSK Beacon 2401.220 MHz Non-Operational 9600 bps FSK

20441 WO-18 437.104 MHz SSB Non-Operational 1200 Baud PSK AX.25

20442 LO-19 437.125 MHz SSB Operational 1200 bps RC-BPSK

21575 UO-22 435.120 MHz FM Operational 9600 bps FSK

21575 IO-26 435.822 MHz SSB Operational 1200 baud PSK

Ham Sat

MISC SAT FREQUENCIES

135.5550	ATS-1/3/5 SATELLITES
135.5750	ATS-1/3/5 SATELLITES
135.6000	ATS-1/3/5 SATELLITES
135.6250	ATS-1/3/5 SATELLITES
135.6450	ATS-1/3/5 SATELLITES
149.1950	CALYPSO (THRU ATS-3 SATELLITE)
149.2200	CALYPSO (THRU ATS-3 SATELLITE)
149.2450	CALYPSO (THRU ATS-3 SATELLITE)
149.2650	CALYPSO (THRU ATS-3 SATELLITE)
	· · · · · · · · · · · · · · · · · · ·
149.9780	NAVSAT - NAVIGATIONAL SATELLITE PROGRAM
149.9880	NAVSAT - NAVIGATIONAL SATELLITE PROGRAM
136.7700	NOAA SERIES WEATHER SATELLITES - DATA
137.5000	NOAA SERIES WEATHER SATELLITES - DATA
137.6200	NOAA SERIES WEATHER SATELLITES - DATA
137.7700	NOAA SERIES WEATHER SATELLITES - DATA
30.0080	SOVIET MANNED SPACE PROGRAM
39.9860	SOVIET MANNED SPACE PROGRAM
89.1000	SOVIET MANNED SPACE PROGRAM
90.0230	SOVIET MANNED SPACE PROGRAM
90.1580	SOVIET MANNED SPACE PROGRAM
90.2250	SOVIET MANNED SPACE PROGRAM
90.3780	SOVIET MANNED SPACE PROGRAM
121.6250	SOVIET MANNED SPACE PROGRAM
121.7000	SOVIET MANNED SPACE PROGRAM
142.1750	SOVIET MANNED SPACE PROGRAM
142.4000	SOVIET MANNED SPACE PROGRAM
142.6000	SOVIET MANNED SPACE PROGRAM
143.1440	SOVIET MANNED SPACE PROGRAM
143.6250	SOVIET MANNED SPACE PROGRAM
143.8250	SOVIET MANNED SPACE PROGRAM
	SOVIET MANNED SPACE PROGRAM
165.0000	
183.5380	SOVIET MANNED SPACE PROGRAM
150.0000	SOVIET SATELLITE
243.7275	TACSAT - USAF PROJECT
	TACSAT - USAF PROJECT
243.8875	TACSAT - USAF PROJECT
249.3875	TACSAT - USAF PROJECT
248.8500 THROUGH	249.35 - MARISAT (USN) 25KHZ SPACING AM/FM
249.3750 THROUGH	249.85 - LES8/9 (USAF) 25KHZ SPACING AM/FM
468.8250	TIME SIGNALS (150 KHZ BANDWIDTH)
468.8500	TIME SIGNALS (200 KHZ BANDWIDTH)
149.9820	TRANSIT - NAVIGATIONAL SATELLITE PROGRAM
366.4150	UNIDENTIFIED - FM VOICE
366.4415	USAF - USB VOICE
249.1000	USAF AM & FM VOICE
399.9434	USN - AM VOICE
251.9000	USN FLEET RELAY - AM VOICE
_0000	CONT. LEET INCEPTED AND VOICE

Federal Frequencies

These frequencies may not be completely accurate remember that this is your government but these frequencies are a good starting point.

Bureau of Prisons (MHz) ch1 170.875 ch2 170.925 ch3 170.650 US (FEMA) 138.575 139.450 139.950 142.350 142.425 142.450 AIRCRAFT 120.375 120.775 281.400

418.500

General Scanner Frequencies

General Mobile Radio Service (Family personal uses, except *462.675 MHz which may be used to assist motorist) 462.550 - 462.725

Motor Carrier Service (Public busses in urban areas) 30.66 - 31.14 44.46 - 44.60

Taxicab Radio Service 152.27 - 157.53 157.53 - 157.725 452.050 - 452.500 457.050 - 457.500

Weather (NOAA weather radio) 162.400

162.475 162.500 162.55 162.525 162.425

162.45

General Scanner Frequencies Cont

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Citizens Band
(C.B.)
26.965 - 27.405
Forest Products Radio Service
29.71 - 29.79
30.68 - 31.76
37.44 - 37.88
43.02 - 43.52
48.56 - 49.58
153.050 - 153.68
157.725 - 158.460
173.250 - 173.350
451.175 - 451.750
452.10 - 452.450
Automotive Emergency Radio Service
(Tow trucks, simplex)
150.815 - 150.965
157.470 - 157.515
452.525 - 452.600
Railroads (about 5 Hz spacing)
160.215 - 161.565
Cruise Lines
468.3250----CARNIVAL CRUISE LINES
151.7450----CARNIVAL CRUISE LINES - MIAMI
151.9250----CARNIVAL CRUISE LINES - MIAMI
154.5150----CARNIVAL CRUISE LINES - MIAMI
154.5400----CARNIVAL CRUISE LINES - MIAMI
156.2750----CARNIVAL CRUISE LINES - PORT OPS - CH 65
156.8000----CARNIVAL CRUISE LINES - CALLING/DISTRESS CH 16
156.9000----CARNIVAL CRUISE LINES - COMMERCIAL - CH 18
156.9500----CARNIVAL CRUISE LINES - COMMERCIAL - CH 19
462.1750----CARNIVAL CRUISE LINES - OPS - CH 1
472.5375----CARNIVAL CRUISE LINES - OPS - CH 1 - PEMBROKE PINES
464.5000----COMMODORE CRUISE LINES - MIAMI
855.5375----DISCOVERY TOURS - ORLANDO
156.5500----EASTERN CRUISE LINES
461.6000----FELCER TOURS - MIAMI
151.9250----GO VACATIONS - MIAMI
461.1750----HOLLAND AMERICA LINE WESTOURS - FT.LAUDERDALE
461.5000----HOLLAND AMERICA LINE WESTOURS - FT.LAUDERDALE
469.4125----INNOVATIVE CHARTERS - ST.PETERSBURG
156.4500----NORWEGIAN CARIBBEAN CRUISE LINES
156.9750----NORWEGIAN CARIBBEAN CRUISE LINES
457.5250----NORWEGIAN CARIBBEAN CRUISE LINES
469.0125----NORWEGIAN CARIBBEAN CRUISE LINES - MIAMI
156.5500----OFFSHORE MARINE TOWING - CH 11
464.3250----PREMIER CRUISE LINES - CAPE CANERVAL
464.8125----PREMIER CRUISE LINES
151.7450----REGENCY CRUISES
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General Scanner Frequencies Cont

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151.8650----REGENCY CRUISES
461.3100----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
467.8250----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
457.5500----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
467.7750----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
457.5750----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS (R)
467.8000----ROYAL CARIB. CRUISE LINES - ENCHNTMT...SEAS (R)INPT
467.5500----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
156.6000----ROYAL CARIB. CRUISE LINES - ENCHANTMENT/MAJESTY
467.0000----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
467.0000----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
461.3000----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
467.9250----ROYAL CARIB. CRUISE LINES - ENCHANTMENT OF THE SEAS
462.0250----ROYAL CARIB. CRUISE LINES - MIAMI
463.3500----ROYAL CARIB. CRUISE LINES - MIAMI
457.5250----ROYAL CARIB. CRUISE LINES - MAJESTY OF THE SEAS
457.5500----ROYAL CARIB. CRUISE LINES - SONG OF NORWAY
156.5000----SEA ESCAPE LIMITED
156.5500----SEA ESCAPE LIMITED
156.8000----SEA ESCAPE LIMITED
151.8350----SUNCOAST CRUISE
464.5000----TROPIC CRUISE LINES - MIAMI
464.6000----TROPIC CRUISE LINES - MIAMI
156.4250----WINDJAMER BAREFOOT CRUISES
156.4500----WINDJAMER BAREFOOT CRUISES
PRINCESS CRUISES
161.4500----ISLAND PRINCESS - LA, CA. - F1 - CAPTAIN TO CREW
161.3500----ISLAND PRINCESS - LA, CA.- F2 - PRINCESS SHORE TOURS
156.8000----ISLAND PRINCESS - LA, CA.- F3 - CHANNEL 16
156.3000----ISLAND PRINCESS - LA, CA.- F4 - CHANNEL 6
469.9250----ISLAND PRINCESS - LA, CA.- PRINCESS PAGING
049.1650----ISLAND PRINCESS - LA, CA.- SHIP GENERATED CARRIER
169.2450----ISLAND PRINCESS - LA. CA.- WIRELESS MIC
167.3950----ISLAND PRINCESS - LA, CA.- WIRELESS MIC
168.0000----ISLAND PRINCESS - LA, CA.- WIRELESS MIC
156.3000----ROYAL PRINCESS - LA. CA.- CH 06 INTERSHIP
156.7500----ROYAL PRINCESS - LA, CA.- CH 15 SHIP TO TENDERS
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156.8000----ROYAL PRINCESS - LA, CA.- CH 16 EMERGENCY 161.4500----ROYAL PRINCESS - LA, CA.- F1 - REPEATER LINKED

457.5500----ROYAL PRINCESS - LA, CA.- REPEATER FOR ONBOARD

161.3500----ROYAL PRINCESS - LA, CA.- F2

SHORT WAVE RADIO STATION FREQUENCIES

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5975 0440 BBC-Via Antigua
6010 0445 Radio Habana, Havana Cuba
6025 0450 Radio Super, Bogota Colombia (Spanish)
9480 0452 Radio Moscow, Via Armenia (Spanish)
9700 0824 Radio New Zealand Intl., Rangitaiki
9745 0828 HCJB-Ecuador, Quito
5000 0903 WWV And WWVH W/ Time Signals
10000 0904 WWV And WWVH W/ Time Signals
8873 0909 Heard Female W/Numbers (Use Unk)(Spanish)
1885 0934 Ham Radio Operator Working 160 Meters HF
9745 1030 Ecuador
2500 1030 WWV Time Signals
5965 1100 BBC-Sackville, Ca
11815 1100 Trans World Radio-Netherlands. Bonaire
11890 1100 Radio Netherlands
6070 1200 Canada CFRX-CFRB, Toronto, Ontario
15070 1300 BBC
11855 1345 Radio Canada
11955 1417 Radio Canada Intl., Sackville, NB
9580 1432 Radio Australia, Shepparton
11955 1434 Radio Canada Intl.
17605 1439 Radio Netherlands, Flevoland
15590 1446 BBC-Via ZYYI, Cyprus (Arabic)
21465 1447 Radio Moscow
17810 1450 Radio Moscow
11865 1453 Radio Japan/NHK, Tokyo-Yamata
13770 1455 Radio Nederland, Flevoland
11840 1500 Radio Moscow
21560 1500 Germany-Deutsche Welle, Julich (German)
21600 1505 Germany-Deutsche Welle, Sri Lanka
13760 1507 Christian Science Monitor, S. Carolina
15190 1515 Radio Inconfidencia, Belo Horiconte (Arabic????)
15205 1522 Voice Of America, Via Wooffert, UK
15260 1600 BBC Via Kavalla, Greece
15580 1600 Voice Of America
9515 1614 BBC
11830 1625 WYFR Family Radio
13675 1630 UAE End At 1640z
12095 1700 BBC
17855 1714 UAE Radio, Abu Dhabi (Arabic)
17695 1717 Radio Moscow
13650 1719 Radio Canada
15325 1722 Radio Canada
11625 1734 Vatican Radio, Sta. Maria Di Galeria
17710 1740 Radio Havana, Via USSR
15415 1747 Radio Jamahiriya, Tripoli (Arabic)
9605 1846 Czechoslovakia-Radio Prague Intl., Litomysi
9630 1854 BBC-Via Seychelles
9630 1854 BBC-Via Seychelles
15330 1855 RTV Marociana, Tangier (Arabic)
15335 1855 RTV Marociana, Tangier (Arabic)
15375 1900 Radio Nacional Espana, Noblejas, Spain
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SHORT WAVE RADIO STATION FREQUENCIES Cont

11900 1900 Radio Moscow 11770 1900 Radio Moscow 17880 1906 BBC. Via Ascension 13670 1914 Radio Canada Intl. 11815 1920 UAE-UAE Radio, Abu Dhabi (Arabic) 15185 1927 All India Radio, Bangalore (Arabic) 15275 1931 Germany-Deutsche Welle (German) 15400 1934 BBC, Via Ascension 21480 1950 HCJB-Voice Of The Andes, Quito -- Ecuador 17860 2000 Deutsche Welle, Kigali, Rwanda 11605 2000 Radio Israel-Kol Israel-Tel Aviv 15000 2000 WWV And WWVH Time Signals 9765 2000 Radio Moscow 20000 2001 WWV Time Signals 11935 2045 Unknown Station Poss. All India Radio(Arabic) 11935 2056 Saudi Arabia, Riyadh (Arabic) 15210 2100 Unknown Station Poss. Radio Cairo (Arabic) 12050 2108 Radio Cairo, Egypt (Arabic) 15435 2110 Radio Jordan, Qasr El Kharana (Arabic) 13780 2125 Deutsch Welle, Julich, Germany 9590 2125 BBC - Via Sackville, Canada 11620 2128 India, Aligarh 9790 2130 Radio France Intl. (French) 9685 2130 Radio Moscow, Moscow 11675 2130 Radio Moscow 11880 2134 Radio Canada 13605 2140 Voice Of The UAE (Off Air 2145) (Arabic) 11985 2145 Voice Of The UAE, Abu Dhabi (Arabic) 15330 2145 Radio Sofia, Bulgaria 11810 2210 Radio Jordan, Qasr El Kharana (Arabic) 5960 2219 Radio Canada Intl. 9885 2250 Bs Of The Kingdom, Riyadh (Arabic) 9465 2251 Christian Science Monitor, S. Carolina 11945 2251 Radio Canada 11940 2300 Singapore BC Group, Jarring 9530 2308 Magadan Radio, Okhotsk, USSR (Russian) 9590 2314 BBC, Via Masirah, Oman 6110 2315 BBC 6175 2317 BBC-Via Sackville, Canada 9800 2323 Radio France Intl., Issoudun-Allouis(Spanish) 9755 2327 Radio Canada Intl., Sackville, NB 7115 2330 Radio Moscow, Plovdiv Bulgara 9625 2330 Canadian BC Corp. 7150 2330 Radio Moscow, L'vov 9930 2331 Radio Belgium 9410 2336 BBC

9425 2337 Greece / Kavalla

9445 2340 Radio Moscow, Irkutsk (Arabic) 11645 2341 Greece-Foni Tis Helladas, Athens 6160 2341 Canada CKZN-CBN Or CKZU-CBU 9685 2348 Radio Moscow, Irkutsk (Arabic) 13760 2350 Radio Canada Intl., Sackville, NB

SHORT WAVE RADIO STATION FREQUENCIES cont

15105 2352 RTV Maroaine, Tangier Morocco (Arabic)

865 0408 Colombia-Lv Del Cinaruco, Arauca (Spanish)

5075 0421 Colombia-Caracol Bogota, Bogota (Spanish)

5930 0312 Radio Pakistan, Karachi

5950 0302 Radio China

5960 0315 Radio Japan

5975 0055 BBC

5975 0600 BBC

6020 0122 Radio Netherlands Going To Jewish???

6075 0234 Deutsche Welle - Germany (German)

6100 0236 Deutsche Welle, Wertachtal, Ger. (German)

6145 0137 Deutsche Welle, Germany

6195 0243 BBC, Via ZYYI, Cyprus

7130 0047 Deutsche Welle, Wertachtal (German)

7140 0241 DeutscheWelle, Konigswosterhausen (German)

07195 0153 Radio Tashkent, Tashkent

7220 0250 Radio Moscow, Swerdlousk (Russian)

7285 0200 Deutsche Welle

7325 0109 BBC

7345 0113 Radio Prague Intl., Czechoslovakia

10000 1400 WWV With Time Signals

2500 0454 WWV With Time Signals

7356 0249 WRNO Worldwide New Orleans, La

7420 2143 WEYN Birmingham, Al

9925 2144 China Radio International, Xian

9830 2144 Radio France International (Spanish)

9800 2144 Rep Of Egypt Radio, Abu Za'bal (Arabic)

9740 2144 Radio Moscow International

9705 2145 Radio Mexico International, Mex City(Spanish)

9630 2145 Unknown Station (Spanish)

9615 2145 Deutsche Welle, Via Sines, Portugal

9460 2146 Voice Of Turkey, Ankara (Unknown)

9400 2150 Radio For Peace, Ciudad Colon, Costa Rica

9385 2151 Reshet Bet. Tel Aviv. Israel (Unknown)

9358 2152 Monitor Radio International, South Carolina

Maritime Frequencies

>01 156.050 commercial 05 156.250 comm. >06 156.300 intership safety 07 157.350 comm. >08 156.400 intership safety 09 156.450 non-comm. >10 156.500 comm. 11 156.550 comm >12 156.600 port operations 13 156.650 port operations

>12 156.500 port operations >14 156.700 comm. >15 156.750 environmental 16 156.800 calling/distress

>17 156.850 admin/enforcement >19 156.950 comm. >20 157.000 p.o. >22 157.100 C.G. >24 161.800 Radio telephone 21 157.050 C.G. 23 157.150 C.G. 25 161.850 R.t.

>24 161.800 Radio telepriorie 25 161.800 R.t. >26 161.900 R.t. 27 161.950 R.t. >28 162.0 0 R.t. 63 156.175 comm.

Maritime Frequencies Cont

>65 156.275 p.o. >66 156.325 p.o. 67 156.375 comm. >68 156.425 non-comm. 69 156.475 non-comm. >70 156.525 non-comm. 71 156.575 non-comm. >72 156.625 non-comm. 73 156.675 p.o. 77 156.875 comm. >74 156.725 p.o. >78 156.925 non-comm. 79 156.975 comm. >80 157.025 comm. 81 157.075 C.G. >82 157.125 C.G. 83 157.175 C.G. >84 161.825 R.t. 85 161.875 R.t. >86 161.925 R.t. 87 161.975 R.t. >88 157.425 comm.

>83.B.161.775 C.G. >21.B.161.650 C.G.

Not all channels used in all areas.

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Low power on board communications

457.525 457.550 457.575 457.600 467.750 467.775 467.800 467.825

Automated Maritime telecommunications system (AMTS) voice, fax and teletype 216.0125 through 219.9875 (12.5 kHz steps) channels 101-180

Maritime freq. from the consolidated list

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C.G. Auxilary/ C.G.

143.280 143.875 148.305 148.825 165.3375 165.3125 164.300 165.2625

Tactical

162.125 162.325 163.125

162.126

Cutter 232.100 Search & rescue 237.900 Air/sea rescue 287.800

C.G. 381.800 (helicopter this area)

C.G. secondary 383.900 C.G. reserve 30.36 30.38

C.G. 30.33 30.41 32.19 34.01 40.40 41.21 41.23 41.70 41.71 41.75 41.83 41.85 162.125 (tac) 162.325 (tac) 162.225 162.5625 163.125 164.550 164.9875 65.2125 172.300 172.400 407.625 407.925 407.975 409.825 410.125 419.650

P.O. 161.600

World Wide Beacon List

SouthEastern Beacon Association list.

28.175VE3TENOTTAWA, CANADA10W, GPC9404
28.180OD5TENTRIPOLIIRREG9301
28.180IK1BAKBORDIGHERA, ITALY20W, V9301
28.180ZS6PWPRETORIA, RSA10W, Y9110
28.183SV3AQRAMALISA4W, GP9301
28.184Z21ANBBULLAWAYO8W, V9301
28.1915B4ZLCYPRUS9002
28.191VE6YFEDMONTON, ALBERTA10W, GPC9301
28.195IY4MBOLOGNA, ITALY20W, GPC9301
28.200CT0APOVALE DE CAMMBRAI ?
28.200W6WX/BSTANFORD, CA100,10,1,.1WB9110
28.202ZS1J18 K.E. KNYSNA4W, Y9301
28.202KE5GYARLINGTON, TX5W, V%9011
28.204DL0IGIGERMANY100W, VDPLC9110
28.205ZS5VHFDURBAN, RSA10W, GP9110
28.205ND9XFOREST VIEW, IL9103
28.205WA4SZE/4PEMBROKE PINES, FL?9301
28.206KJ4XPICKENS, SC2W, V9309
28.2075W8FKL/4VERNICE, FL10W, V9301
28.2075KE4NLNINETY SIX, SC10W, GMV% I
28.20855Z4ERRKIAMBU15W, VEE9301
28.209NX20/BANNAPOLIS, MD10W, GPC9301
28.210KC4DPCWILMINGTON, NC5W, DPLC +9404
28.210KA0ZNYDAVENPORT, IA9009
28.212LU1UGGRALPICO, ARGENTINA5W, GP9105
28.2125EA6RCMPALMA DE MALLORCA3W, GP9301
28.2135PT7BCNFORTAILEZA, BRAZIL5W, GP9301
28.214AL7KVREDMOND, WA10W, DPL9102
28.215KA9SZXCHAMPAGNE, IL250mw/CX-1000 antC9312
28.2155W4MM/BALBANY, GA9109
28.216G0MVLUK
28.216GB3RALSLOUGH, BERKSHIRE,UK20W,GP
28.217WB9VMYCALUMET, OK (EM05)9312
28.218VE2TWORADDISON9301
28.218W8UR/BMACKINAC ISLAND, MI1/2W, VC +9110
28.219PT8AARIO BRANCO, AC, BRAZIL5W, GP9301
28.2205B4CYZYYI, CYPRUS26W, V
28.220KB9DJAMOORESVILLE, IN35W, GP9301
28.220LU4XSTIERRA DEL FUEGO9301
28.221KK4UCKY10W9106
28.222W9UXOLAKE BLUFF, ILL10W, GPC9301
28.222PT2IBMBRAZIL5W, GP9009
28.223HG5GEWTAPOLCA10W, GP9301
28.223K5MW/BAUSTIN, TX1W9312
28.2248WB6CHQFRESNO, CA25W, DPL9109
28.225PY2AMISAO PAULO, BRAZIL10W, GP9301
28.225KW7YEVERETT, WA4W, V9301
20 220 EVEVIL MALLADA DALEVDIA IG 10/1/ GD - C - 2007
28.229EA6AUMALLORCA,BALEARIC IS10W, GP

28.230N2ECBSPRINGFIELD, NJ25W, YI %9005
28.231IT9BCN9110
28.232W7JPI/BSONITA, ARIZ4W, ELC9301
28.233KD4ECJUPITER, FL5W,V
28.235EA2ZRAZARAGOZAIRREG9301
28.235N3DJTWILMINGTON, NC1W, DPL,QRT+9301
28.235KQ4TGLELAND, NC1W,VC +9405
28.237NV6A/BSAN DIEGO, CA
28.2375LA5TENOSLO, NORWAY10W,GP9301
28.240YO2XTIMISOARA, ROMANIA2W, DPL
28.240KF9N/4TN5W9101
28.241AB8ZPARMA, OHIO9301
28.245WA6APQLONG BEACH, CA30W, V9301
28.245KB0DJJOMAHA, NEB10W, GP9002
28.246N8KHEMACKINAW CITY, MI05W, V
28.2475EA2HBSAN SEBASTIAN, SPAIN6W, GP9301
28.249WA4SLT9110
28.2495EA3JABARCELONA, SPAINIRREG9301
28.2496WJ9ZMILWAUKEE, WI14W, YC %9301
28.2497N4MWMEMPHIS, TN8W, DLPC %9301
28.250P17BQCHAARLEM NETHERLANDS2W9301
28.250S55ZRSMT. KUM, YUGOSLAVIA1W, V9301
28.250K0HTFDES MOINES, IA2.5W, GPC %9301
28.250Z21ANBBULAWAYO, ZIMBABWE8W, GPC9301
28.250V3SVELVERSON, PA10W, V9009
28.250WA4STLHASTINGS, FL20W, V9009
28.250NT9SGREENCASTLE, IN9101
28.2514N3ZHKMT. KUM, YUGOSLAVIA1W, VC9107
28.252WJ7XPRIOR LAKE, MN5W, VC9301
28.2525OH2TENVIHTI, FINLAND60W, GP9301
28.255VK3SIX
28.257KM4YHOLLYWOOD, FLIRREG9301
28.257DK0TENKONSTANZ40W, GPC9301
28.259KA1NSVCAPE COD, MA
28.259VK5WIADELAIDE, SA, AUSTRALIA10W, GPC9301
28.260KB6SVKCA15W9003
28.262VK2RSYSYDNEY, AUSTRALIA25W, GPC9301
28.263WB4LJYSEFFNER, FL
28.265LU1FHHSANTA FE, CA
28.265VK6RWAPERTHA, WA, AUSTRALIA
28.267OH9TENPIRTTIKOSKI20W, GPC9301
28.2675KB4UPIBIRMINGHAM, AL20W,1/4V,QRTC9301
28.269VK8VFDARWIN, AUSTRALIA
28.269WB4JHSKISSIMMEE, FL5W, VIRREG9301
28.270VK4RTLTOWNSVILLE, QLD, AUSTRALIA9301
28.270N6KJWSACRAMENTO, CA9009
28.271KF4MSSAINT PETERSBURG, FL5W, GPC9301
28.274K4MF9105
28.275K4VXPCAMPBELLSVILLE, KYQRP9301
28.275ZS1LASTILLBAY, RSA20W, Y9301
28.275DA2JHLUEDENSCHEID, GERMANY20 W9301
28.275AL7GQDENVER, CO1W, LOOPC %9110
28.275N8KUHSOUTHGATE, MI35W, INV9012
28.276NOJARNEWTON, IA5W9301

28.276NS8VGRAND RAPIDS, MI5W, V9301
28.278DF0AABKIEL, GERMANY10W, GPC9301
28.279KG5YBTYLER,TX
28.280KA3UIUALBURTIS, PA5W (CW Practice)9110
28.280NO6JTHOUSAND OAKS, CA5W,OMN9301
28.280KB2BBWRUTHERFORD, NJ5W, V9003
28.281VE1MUFKESWICK, NB1W, DPL QRT?9301
28.282VE2HOTBEACONSFIELD, PQ, CAN5W, Y9301
28.2820K0EGHRADEC, KRALOVE10W, DPLC9301
28.282LU2HDXCORDOBA10W, VIRREG.9301
28.283WS2BPOESTENKILL, NY9102
28.284VP8ADEADELAIDE, IS8W QRT?9301
28.284N2JNTTROY, NY1W, GPC9301
28.285KB7EFZ/BPORTLAND, OR1W, GP9301
28.285KK4MLAS VEGAS, NV5W, V9110
28.285KB7DQJPORT ORCAHRD, WA
28.286N5AQMCHANDLER, AZ2W, V9301 28.286KE2DIROCHESTER, NY5W, DPL9104
28.289WJ50CORPUS CHRISTI, TXQRT9301
28.290SK5TENSTRAEGNAES, SWEDEN5W, GP9301
28.291KB9NVCOLLINSVILLE, IL
28.291WB4WORSOPHIA, N.C5WC+9404
28.2915ZD8HFASCENSION ISLAND
28.292W3RGQBERWICK, PA5W, VIRREG.9301
28.293LU2FFVSAN JORGE5W, GPC IRREG.9301
28.294WC8EDEER PARK, OH10W, VC9301
28.294SK2TENKRISTENBURG5W, V9301
28.295KM4GSGILBERTSVILLE, KY
28.295KE0ULGREELEY, CO5W, VC9301
28.295N7OGNBILLINGS, MT9103
28.2955W3VDLAUREL, MD10W, VC9301
28.297WA4DJSFTLAUDERDALE, FL30W, GP9110
28.299N8CGYMICHIGAN5W, DPL9002
28.302PI7ETENETHERLANDS9301
28.235DF0THDGERMANY9110
28.3275H3MA9007
28.888W6IRTNO.HOLLYWOOD, CA5W, GPC %9001
28.891KB9NV9109
28.992DF0ANNNOW QRO TO .3 WATTS9101
ANTENNA:
DPLDIPOLE DTLDELTA LOOP INVINVERTED VEE
OMNOMNI-DIRECTIONAL GPGROUND PLANE VVERTICAL
YYAGIE VBV-BEAM BBEAM DDEGREES GMVGROUND MOUNTED VERTICAL
DDEGREES GMVGROUND MOUNTED VERTICAL

50 MHz Asian Beacon list

Freq.	Call	Ant.	W ER	P. Rem.	QTH /M.	Location.
50.009	JAIGY	1/4 GP	10		PM 84 JK	Mie
50.013	JD1ADP	Dipole	1		QL 17	Chichi-jima
50.017	JA6YBR	Turnstile	50	* 7	PM 51 RT	Miyazaki
50.027	JA7ZMA2	Turnstile	50		QM 07	Fukushima
50.032	JR0YYE	Loop	2		PM 97	Tsubame
50.035	UL8GDD	5 Elm	270	10		
50.041.5	9K2SIX		25	* 2		Kuwait city
50.045	JR6YAG	5/8 G.P.	20		PL 36	Okinawa
50.047	JD1BFI	2 Elm Del	lta 3	* 6		Ogasanara
50.059	JH0ZPI	PM 96				Ueda
50.075	JY6ZZ	5/8	10	* 2		Amman
50.075	VS6SIX	5/8 G.P.	15		OL 72	Hong Kong
50.078	OD5SIX	G.P.	10		KM 74	Tripoli
50.480	JH8ZDN/8	3 Discone	10		ON 02	Chitose
50.490	JG1ZGW	Dipole	10		PM 95 VP	Tokyo
50.500	5B4CY	G.P.	15		KM 64 PR	Zyggi

OZ beacons

Call Locator ERP Antenne QTF ASL Mode Sta Ansvh. Info QRG 50.021 OZ7IGY JO55VO 20W Turnstile OMNI 92m A1A QRV OZ7IS AUG 93 50.054 OZ6VHF JO57EI 50W Turnstile OMNI ? ? QRV OZ1IPU MAR 93 144.150 OZ3VHF JO55HL .5W Clover Le OMNI 35m A1 QRV OZ9IO MAJ 91 144.930 OZ7IGY JO55VO 25W Big Wheel OMNI 96m A1A QRV OZ7IS AUG 93 432.895 OZ4UHF JO75IK 7W Cover Le OMNI 15m A1 QRT! OZ1HTB SEP 92 432.930 OZ7IGY JO55VO 30W Big Wheel OMNI 94m A1A QRV OZ7IS AUG 93 432.930 OZ7IGY JO55VO 300W 9el Yaqi 45 93m A1A QRT! OZ7IS AUG 93 432.955 OZ1UHF JO57FJ 10W Big Wheel OMNI 150m A1A QRV OZ9NT 18.7.88 432.982 OZ2ALS JO44WX 40W 4x Dipol OMNI 28m A1A QRV OZ9DT 9.8.92 1296.855 OZ3UHF JO56CE 6W 5el S 150m F1 QRV OZ1GMP JUNI 90 1296.930 OZ7IGY JO55VO 15W Big Wheel OMNI 95m F1A QRV OZ7IS AUG 93 1296,950 OZ5UHF JO65GQ 1W 2x Corner S+E 35m F1A QRV OZ3TZ SEP 92 1296.955 OZ1UHF JO57FJ 10W Big Wheel OMNI 150m A1A QRV OZ9NT 18.7.88 1296.984 OZ2ALS JO44WX 8W 2x Slot OMNI 28m A1A QRV OZ9DT 9.8.92 2320.930 OZ7IGY JO55VO 20W Alf.Slot OMNI 91m F1A QRV OZ7IS AUG 93 2320.950 OZ9UHF JO65HP 5W Slot OMNI 30m F1A QRV OZ2TG AUG 93 2320.955 OZ1UHF JO57FJ 8W Slot OMNI 150m A1A QRV OZ9NT 18.7.88 5760.930 OZ7IGY JO55VO 15W WG Slot E/W 91m F1A QRV OZ7IS AUG 93 5760.950 OZ9UHF JO65HP 2W WG Slot OMNI 30m F1A QRV OZ2TG AUG 93 5760.955 OZ8SHF JO57FJ 8W WG Slot OMNI 150m A1A QRV OZ9NT 18.7.88 10368.050 OZ9UHF JO65HP 3W WG Slot OMNI 30m F1A QRV OZ2TG AUG 93 10368.900 OZ5SHF JO45WX .5W WG Slot OMNI 190m F1B QRV OZ2OE APR 93 10368.915 OZ4SHF JO65BV 10W WG Slot OMNI 22m F1A QRV OZ1UM AUG 92 10368.955 OZ9SHF JO57FJ .8W WG Slot OMNI 150m A1A QRV OZ9NT 18.7.88 10368.975 OZ3SHF JO45NL 2W W.Slot 12 OMNI 58m F2B QRV OZ1IN JUNI 90

OX beacons

144.902 OX3VHF GP60QQ 80W 2x4el NE,E 70m A1A ? OX3LX JULI 88

OY beacons

144.885 OY6VHF IP62OA 40W 2x4 Yagi SE/NE 300m A1A QRV OY1A SEP 92 432.885 OY6UHF IP62OA 100W 7dB Group SE 300m A1A QRV OY1A SEP 92

50 MHz European Beacon list

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W ERP. Rem. Update. QTH /M. Location.
Frea.
       Call
             Ant.
50.000
       GB3BUX Turnstile 15
                                9308 IO 93 BF
                                               Buxton
50.010
       SV9SIX V. dipole 30
                                9311 KM 25
                                              Iraklio
50.011
       ES6SIX
                             9308 KO 37 MT
50.013 CU3URA Hor. omni
                          5
                                 9110 HM 68
                                                Terceira Isl.
                                 9308 JN 76 HD Ljubljana
50.014 S55ZRS 5 Elm NW. 10
50.020 GB3SIX 3 Elm
                       100
                                9308 IO 73 TJ Angelsey
50.021 OZ7IGY Turnstile 20
                                9311 JO 55 VO Toelloese
50.023 LX0SIX
                            9310 JN 39 AV Luxemburg
                                9311 KP 11 QU Ikaalinen
50.025 OH1SIX 2 * X dipole 50
50.025.5 9H1SIX G.P.
                               9310 JM 75 FV Attard
                        7
                         40
                                9310 IN 61 GE
50.030 CT0WW
               Dipole
                                               Joao da Pesq.
50.035 ZB2VHF 5 Elm
                         30
                                9207 IM 76 HE
                                               Gibraltar
50.037 ES0SIX
               Dipole
                        15
                               9309 KO 18 PO
                               9308 KM 17 UX Athens
50.040 SV1SIX Turnstile 30
                      10 * 3 9201
50.040 UB7I
              G.P.
50.042.5 GB3MCB Dipole
                          25
                                 9308 IO 70 OJ St. Austell
50.046 4N1SIX
                            9310 KN 04 OO
50.050 GB3NHQ
                Turnstile 15
                                9308 IO 91 VQ Potters Bar
50.051 LA7SIX 4 Elm Y
                        18
                                9310 JP 99 LO Tromsoe
                            * 4 9310 JO 22 NC
50.052 PA3FYM Dipole
                         9
50.054 OZ6VHF
                X Dipole
                         25
                                9311
                                      JO 57 DI Oestervraa
50.059 GB3RMK Dipole
                         40
                                9309 IO 77 UO Rosemarkie
50.062.5 GB3NGI Dipole
                         25
                                9309 IO 65 PA Londonderry
50.064 GB3LER
                              9311 IP 90
                                            Shetland isl.
50.065.5 GB3IOJ
               Halo
                        10
                               9212 IN 89 WE
                                               St. Helier
               2 * X dipole 35
                                9310 KP 36 OI Pirttikoski
50.067 OH9SIX
50.070 EA3VHF 5 Elm
                        1
                                9308 JN 01
                                              Lerida
                           * 1 9302 IQ 50
50.079
       JX3EX
               3 Elm
                        10
50.080 SK6SIX Dipole
                       1/10
                               9307 JO 57 QJ
                                               Hoenoe
50.087.3 YU1SIX Dipole
                                9311 KN 03 KN
                        15
                        10 * 1 9307 JO 33 OQ
50.089 FC1MKY G.P.
                        0.25 * 1 9307 IM 59 SK
50.100 CT0SMB
50.315
      FX4SIX 2 * X Dipole 50
                                9308 JN 06 CQ Poitiers
50.417 FC1FNH Omni
                         10 * 1 9101 IN 96 LD
50.xxx SP6... G.P.
                      10 * 2 9201 JO 81 HU
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Current operational 6M beacons in the Pacific and Oceania. From JA1VOK Apr.94

50.008 DX1HB/B PK04 20W
50.010 JA2IGY PM84 10W 5/8 WL GP
50.014 9M6SMC 0j85 3W GP, 100m up
50.017 JA6YBR PM51 50W
50.019 P29BPL QI30 25W 1/4 WL GP
50.027 JA7ZMA QM07 50W
50.032 JR0YEE PM87 2W
50.037 JR6YAG PL36 8W 5/8 WL GP, 35m up
50.061 KH6HME/B BK29 20W
50.064 KH6HI/B BL01 10W
50.0745 VS6SIX OL72 10W
50.078 OD5SIX KM74 10W 1/4 WL GP
50.480 JH8ZND/B QN02 10W GP
50.490 JG1ZGW PM95 1W
50.500 5B4CY KM64 15W 1/4 WL GP

50 MHz Beacon list

Freq.	Call	Ant. ۱	N ERP.	Rem.	QTH /M.	Location.
50.000	GB3BUX	Turns			IO 93 BF	Buxton
50.004	PJ2SIX		22		52 KG	
50.005	CE3XB			FF 4	-	
50.005	H44HIR	G.P.	10			Honiara
50.005	ZS2SIX	Dipole	25		F 25	5 . 5
50.007.5	K0GUV	Halo	8		N 26	Park Rapids
50.008	DX1HB/B		20		PK 04	Manilla
50.008	XE2HWB	1		DL		
50.009	HIOVHF	4/4.05	. 40			nican rep.
50.010	JA2IGY	1/4 GF		-	PM 84 JK	
50.010	SV9SIX	V. dipo		=	(M 25	Iraklio
50.010	VE7SIX	SW. Q			DN 09	Ctill Davi
50.010	ZS1STB	4 Ele	25	=	(F 05	Still Bay
50.011	ES6SIX				37 MT	
50.011 50.013	VP2EA CU3URA	Hor.	omni <i>f</i>	FK 8	38 HM 68	Terceira Isl.
50.013	JD1ADP	Dipole			DIVI 66 QL 17	
50.013	P29BPL	•			QL 17 QI 30	Chichi-jima Port Moresby
50.013	9M6SMC	Dipole	: 30	C	JI 30	FULL MOLESDY
50.014	S55ZRS	5 Ele	NW. 10	n	JN 76 H	D Ljubljana
50.014	PJ4B	J LIG	15	J	Bona	
50.015	PJ4B	5/8 G.P		FI	K 52 TF	Bonaire
50.016	ZF2KZ		60	EK 9	99 HG	Grand Caym.
50.017	JA6YBR	Turns	tile 50		PM 51 R	•
50.018.5	V51VHF	G.P.	50		JG 87	,
50.020	CX1CCC	G.P.	5	G	F 15	
50.020	GB3SIX	3 Ele	100	IC	O 73 TJ	Angelsey
50.021	OZ7IGY	Turnst	ile 20	J	O 55 VO	Toelloese
50.021	ZS6PW	Yagi I	N/NW	* 1	KG 44	
50.021.5	FR5SIX	Halo	1.5	LO	G 78	Reunion Isl.
50.023	HH2PR				Haiti	

50.023	LX0SIX		JN 39 AV Luxemburg
50.025	5Z4YV	* 3	9
50.025	6Y5RC	3 Ele 40	FK 17
50.025	OH1SIX	2 * X dipole 50	KP 11 QU Ikaalinen
50.025	YV4AB	Ringo 15	FK 50 Valensia
50.025	ZP5AA	G.P. 5	GG 14 Asuncion
50.025.5	9H1SIX	G.P. 7	JM 75 FV Attard
50.027	JA7ZMA	2 Turnstile 50	QM 07 Fukushima
50.028	XE2UZL		DM 10
50.030	CT0WW	Dipole 40	IN 61 GE Joao da Pesq.
50.030	XE3VV	G.P. 5	EL 50 EX
50.032.5	ZD8VHF	5/8 G.P. 50	II 22 TB Ascencion
50.033	LU8YYO	1/2 G.P. 1.5	FF 50 Cordoba
50.035	EL2CA	* 3	Monrovia
50.035	UL8GDD	5 Ele 270 10	
50.035	ZB2VHF	5 Ele 30	IM 76 HE Gibraltar
50.037	ES0SIX	Dipole 15	KO 18 PO
50.039	FY7THF	G.P. 100	GJ 34 Kourou
50.040	CX8BE	4 Ele 8	GF 15 Montevideo
50.040	SV1SIX	Turnstile 30	KM 17 UX Athens
50.040	UB7I	G.P. 10 * 3	
50.040	VO1ZA	G.P. 10	GN 37 St. Johns
50.041.5	9K2SIX	25 * 2	Kuwait city
50.042.5	GB3MCB	Dipole 25	IO 70 OJ St. Austell
50.044	JR6YAG	5/8 G.P. 20	PL 36 Okinawa
50.045	OX3VHF	G.P. 20	GP 60 XR Julianehaab
50.045	YV5ZZ		FK 60 Caracas
50.046	4N1SIX	ŀ	KN 04 OO
50.046 50.046	4N1SIX VK8RAS	2 * X dipole 15	KN 04 OO PG 66 Alice springs
50.046 50.046 50.047	4N1SIX VK8RAS JD1BFI	2 * X dipole 15 2 Ele Delta 3 * 6	KN 04 OO PG 66 Alice springs Ogasanara
50.046 50.046 50.047 50.048	4N1SIX VK8RAS JD1BFI VE6ARC	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50	KN 04 OO PG 66 Alice springs Ogasanara Alberta
50.046 50.046 50.047 50.048 50.050	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina
50.046 50.046 50.047 50.048 50.050 50.050	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar
50.046 50.046 50.047 50.048 50.050 50.050 50.050	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden
50.046 50.046 50.047 50.048 50.050 50.050 50.050	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.050 50.051	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe
50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe
50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.059	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell
50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ Z21SIX	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2 10 * 2	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell EM 79 Ohio
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060 50.060 50.061	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ Z21SIX KH6HME	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2 Quad 20	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell EM 79 Ohio
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060 50.061 50.061	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ Z21SIX	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2 10 * 2	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell EM 79 Ohio
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060 50.061 50.062	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ Z21SIX KH6HME WB0RMO PY2AA	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2 Quad 20 Dipole 25 G.P. 25 G.P. 25	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell EM 79 Ohio BK 29 EN 10 Fairbury GG 66 Sao Paulo
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060 50.061 50.062 50.062	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ Z21SIX KH6HME WB0RMO PY2AA W3VD	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2 10 * 2 Quad 20 Dipole 25 G.P. 25 V. Dipole 20	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell EM 79 Ohio BK 29 EN 10 Fairbury GG 66 Sao Paulo FM 19 Maryland
50.046 50.046 50.047 50.048 50.050 50.050 50.050 50.051 50.052 50.053.5 50.054 50.056 50.057 50.058 50.059 50.060 50.060 50.060 50.061 50.062	4N1SIX VK8RAS JD1BFI VE6ARC FO5DR GB3NHQ VE7SIX ZS6DN LA7SIX PA3FYM VK3SIX OZ6VHF VK8VF VK7RSB VK4RGG GB3RMK VE3UBL K4TQR W5VAS WA8ONQ Z21SIX KH6HME WB0RMO PY2AA	2 * X dipole 15 2 Ele Delta 3 * 6 G.P. 50 Dipole 50 Turnstile 15 Swiss Quad 130 5 Ele 100 * 1 4 Ele Y 18 Dipole 9 * 4 9 Y -> NW. 100 X Dipole 25 G.P. 20 5 Y -> NE. 100 6 Dipole 40 Turnstile 10 Dipole 1 G.P. 0.5 Turnstile 2 Quad 20 Dipole 25 G.P. 25 G.P. 25	KN 04 OO PG 66 Alice springs Ogasanara Alberta BH 52 Mahina IO 91 VQ Potters Bar DN 09 Kaleden KG 44 Pretoria JP 99 LO Tromsoe JO 22 NC QF 02 JO 57 DI Oestervraa PH 57 Darwin QE 37 IO 77 UO Rosemarkie FN 03 EM 63 Alabama EM 50 Slidell EM 79 Ohio BK 29 EN 10 Fairbury GG 66 Sao Paulo

World Wide Beacon List Cont

50.063	N4PZ	1/4 Whip	0.4	* 5 EL 87 Sarasota
50.064	GB3LER			IP 90 Shetland isl.
50.064	WD7Z	Squalo	75	DM 24 Yucca
50.065	KA0CDN	2 Ring F		
50.065	NB3O/1	4 Ele bea	m 100	FN 41 Rhode isl.
50.065	W0IJR	2 Ring Ha	lo 20	DM 79 Colorado
50.065.5	GB3IOJ	Halo	10	IN 89 WE St. Helier
50.066	VK6RPH	Omni	10	OF 78 Perth
50.066	WA10JB	J pole	10	FN 54 Bowdoin
50.067	KD4LP	G.P.	75	EM 86
50.067	N7DB	Vertical	10	CN 85 Boring
50.067	OH9SIX	2 * X dipo	ole 35	KP 36 Ol Pirttikoski
50.067	W4RFR		2	EM 66 Tennesse
50.067	WB8IGY	5/8	2	EM 79 Ohio
50.068	K6FV	10	00	CM 87
50.069	W0BJ	Turnstile	5	DN 91 Nevada
50.069	W4HKK	Sloping	Dip. 1	EM 55 Tennesse
50.070	EA3VHF	5 Ele	1	JN 01 Lerida
50.070	K0HTF	In. V	2	EN 31 lowa
50.070	KA4VEY	Vertical	10	EM 64 Alabama
50.070	KB4UPI	Dipole	1	EM 63 Alabama
50.070	KM4ME	Ġ.P.	10	EM 64 Harvest
50.070	N4LTA	1/2 Halo	10	EM 94 S. Carolina
50.070	WA7ECY	Squalo	10	CN 85 Oregon
50.070	WB0CGH	Halo	1.5	
50.070	WB4GJG	Dipole	1	FM 06 Virginia
50.071	W0VD	G.P.	10	EM 27 Joplin
50.072	KS2T	1/4 G.P.	10	FM 29
50.072	KW2T	Squalo	0.5	FN 13 Palmyra
50.072	VE1CCP			FN 76
50.073	KH6HI	Turnstile	80	BL 01 Honolulu
50.073	VE1MQ	Dipole	2	FN 65
50.074	NN7K	In. V	10	CN 92
50.074	PY2AMI	G.P.	10	GG 67 IF Sao Paulo
50.074	WB5DSH	Halo	30	EM 15
50.075	EA8SIX			IL 28
50.075	K7IHZ	Squalo	20	DM 43 Mesa
50.075	KP4EKG	6 Ele	10	FK 68 Puerto Rico
50.075	NL7XM/2	Vertical	10	FN 20
50.075	VS6SIX	5/8 G.P.	15	OL 72 Hong Kong
50.075	WB4WTC	Loop	10	FM 06
50.076	W6SKC/B	2 * Halo	10	DM 41 Nogales
50.077	NOLL	Halo	22	EM 09 Kansas
50.077	N5JM	Coaxial ve	ert 3	EL 49
50.077	VE3DRL			Toronto
50.077	WB2CUS	5 Ele	1	FN 30 Queens N.Y.
50.077.5	TI2NA	Dipole	20	EJ 70
50.077.5	W8UR/B	Dipole	2	EN 75 Mackinac Isl
50.078	OD5SIX	G.P.	10	KM 74
50.078	PT7ACC	G.P.	5	HI 06 Fortaleza
50.079	JX3EX	3 Ele	10 *	1 IQ 50
50.080	HC8SIX	Vertical	4	El 59 Galapagos isl.
50.080	SK6SIX	Dipole	1/10	JO 57 QJ Hoenoe

50.080 WR4001 Vortical 40 F1.07 T

50.080	WB4OOJ	Vertical 1	0 EL 87	Tampa
50.080	ZS1SIX	Halo 10	JF 96 JC	•
50.080	ZS5VHF	Halo 10		
50.082	VE1MUF		FN	
50.083	LU1DMA	Beam	25 GF 05	Antonio/B.A.
50.084.5	3D2FJ		Fiji	Isl.
50.086	VE2STL	Vert. Dipole		
50.086	VP2MO	6 Ele 10		Montserat
50.087.3	YU1SIX	Dipole 15	KN 03 k	(N
50.088	VE1SIX	4 Ele to EU 5	50 FN 65	Brunswick
50.089	FC1MKY	G.P. 1	0 * 1 JO 33	OQ
50.090	TR8CA	•	1 JJ 40	
50.092.5	HC2FG	Vertical 8	FI 07	Guayuquil
50.093	CN6VHF	5/8 G.P.	8 IM 64	
50.094	TU2VHF		EJ 76	
50.095	K7IHZ	Squalo 20	DM 43	Arizona
50.096	HD1QRC	•	El 79	
50.098.5	LU2MFO	3 Ele	4 FF 97	Rosario
50.100	CT0SMB	0.25		K
50.100	FT5ZB	10		nsterdam isl.
50.102	V51E	*		
50.315	FX4SIX	2 * X Dipole 50	JN 06 C	CQ Poitiers
50.321	ZS5SIX	Halo 10	KG 50 E	l Hilton
50.417	FC1FNH		0 * 1 IN 96	
50.480	JH8ZDN/8		10 ON 02	
50.490	JG1ZGW		0 PM 95	
50.500	5B4CY	G.P. 15	KM 64 P	,
50.925	ZS1VHF	6 Ele 200		, 55
50.950	ZS6SIX	3 Ele 10	KG 33 XX	(
50.xxx		G.P. 10	* 2 JO 81 HU	
51.020	ZL1UHF	25	RF 73	Aucland
51.030	ZL2MHB	10	RF 80	Hastings
52.020	FK8KAB			oumea
52.150	VK0CK			acquarie isl.
52.200	VK8VF	G.P. 15	PH 57	Darwin
52.310	ZL3MHF	20	RE 66	Hornby
52.320	VK6RTT	J-Pole 25		Wickham
52.325	VK2RHV	10	QF 07	Newcastle
52.330	VK3RGG		4 QF 21	Geelong
52.345	VK4ABP		0 QG 26	
52.350	VK6RTU	.,	PF 09	Kalgoor.
52.370	VK7RST	15	QE 37	Hobart
52.410	VKOMA	10	MC 12	Mawson
52.420	VK2RSY	Turnstile 2	5 QF 56	Sydney
52.425	VK2RGB	5	QF 59	Gunnedah
52.435	VK3RMV	J	QF 12	Hamilton
52.440	VK4RTL	Turnstile 10		Townsville
52.445	VK4RIK	rumstile re	QH 23	TOWITSVIIIC
52.445	VK4KIK VK5VF	Turnstyle 2		Mt. Lofty
52.460	VK5VF VK6RDH	•	0 FF 94 10 OF 78	
52.460 52.465	VK6RDH VK6RTW		10 OF 76	
52.465 52.470	VK0RTW VK7RNT		0 QE 38	•
52.470 52.510	ZL2MHF		RE 78	Launceton Mount Climie
32.310	ZLZIVINT	5	KE /O	WOUTH CHITTIE

FAST FOOD FREQUENCIES

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030.8400 ARBY'S
031.0000 ARBY'S
154.5700 ARBY'S
457.5500 ARBY'S
479.2500 ARBY'S
467.7625 BESS EATON DONUT CLERK (I)
457.5375 BESS EATON DONUT CUSTOMER (R)
154.5700 BIG BOY CLERK (I)
467.8250 BIG BOY CLERK (I)
030.8400 BIG BOY CUSTOMER (R)
457.6000 BIG BOY CUSTOMER (R)
030.8400 BURGER KING
031.0000 BURGER KING CORPORATION
100.0000 BURGER KING (PRIVATE LINE)
103.5000 BURGER KING (PRIVATE LINE)
110.9000 BURGER KING (PRIVATE LINE)
114.8000 BURGER KING (PRIVATE LINE)
127.3000 BURGER KING (PRIVATE LINE)
154.5700 BURGER KING
170.3050 BURGER KING CLERK
30.84000 BURGER KING CUSTOMER
457.5500 BURGER KING CUSTOMER
457.5625 BURGER KING
457.5750 BURGER KING
457,6000 BURGER KING
457.8250 BURGER KING
460.8875 BURGER KING
461.5375 BURGER KING CUSTOMER (R)
463.2875 BURGER KING CORPORATION
465.8875 BURGER KING CLERK
467.7750 BURGER KING CLERK
467,7875 BURGER KING CLERK
467.8000 BURGER KING CLERK
467.8250 BURGER KING CLERK
031.0000 CHICK FIL A
170.3050 CHICK FIL A
030.8400 DAIRY QUEEN
154.5700 DAIRY QUEEN
033.4000 DUNKIN DONUTS
082.5000 DUNKIN DONUTS (PRIVATE LINE)
100.0000 DUNKIN DONUTS (PRIVATE LINE)
114.8000 DUNKIN DONUTS (PRIVATE LINE)
127.3000 DUNKIN DONUTS (PRIVATE LINE)
457.5500 DUNKIN DONUTS
467.7750 DUNKIN DONUTS
031.0000 FOSTER FREEZE
170.3050 FOSTER FREEZE
030.8400 HARDEE'S
031.0000 HARDEE'S
035.0200 HARDEE'S
151.6850 HARDEE'S
151.8050 HARDEE'S
154.5700 HARDEE'S
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154.6000 HARDEE'S

FAST FOOD FREQUENCIES Cont

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170.3050 HARDEE'S
457.5500 HARDEE'S
457.5750 HARDEE'S
460.8875 HARDEE'S
461.1125 HARDEE'S
461.7125 HARDEE'S
466.1125 HARDEE'S
033.4000 JACK IN THE BOX
154.5400 JACK IN THE BOX
469.0250 JACK IN THE BOX
030.8200 KENTUCKY FRIED CHICKEN
030.8400 KENTUCKY FRIED CHICKEN
031.0000 KENTUCKY FRIED CHICKEN CUSTOMER
033.4000 KENTUCKY FRIED CHICKEN
082.5000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
088.5000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
123.0000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
154.5400 KENTUCKY FRIED CHICKEN
154.5700 KENTUCKY FRIED CHICKEN
162.2000 KENTUCKY FRIED CHICKEN (PRIVATE LINE)
170.3050 KENTUCKY FRIED CHICKEN CLERK
457.5375 KENTUCKY FRIED CHICKEN
457.5875 KENTUCKY FRIED CHICKEN CUSTOMER
457.6000 KENTUCKY FRIED CHICKEN
460.8875 KENTUCKY FRIED CHICKEN
461.0875 KENTUCKY FRIED CHICKEN
462.1625 KENTUCKY FRIED CHICKEN
462,7500 KENTUCKY FRIED CHICKEN
462,7625 KENTUCKY FRIED CHICKEN
464.0875 KENTUCKY FRIED CHICKEN
465.8875 KENTUCKY FRIED CHICKEN
467.8125 KENTUCKY FRIED CHICKEN CLERK
467.8875 KENTUCKY FRIED CHICKEN
468.3875 KENTUCKY FRIED CHICKEN
469.0875 KENTUCKY FRIED CHICKEN
030.8400 MCDONALD'S
031.0000 MCDONALD'S
033.1400 MCDONALD'S
033.4000 MCDONALD'S
033,7150 MCDONALD'S
035.0200 MCDONALD'S
035.1200 MCDONALD'S (BUSINESS)
067,7750 MCDONALD'S CUSTOMER
070.2450 MCDONALD'S CUSTOMER
071.1050 MCDONALD'S CUSTOMER
088,5000 MCDONALD'S (PRIVATE LINE)
100.0000 MCDONALD'S (PRIVATE LINE)
107.2000 MCDONALD'S (PRIVATE LINE)
141.3000 MCDONALD'S (PRIVATE LINE)
151.7150 MCDONALD'S
151.7750 MCDONALD'S
151.8950 MCDONALD'S
154.4900 MCDONALD'S CLERK
154.5400 MCDONALD'S
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FAST FOOD FREQUENCIES Cont

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154.5700 MCDONALD'S
154.5800 MCDONALD'S CLERK
154.6000 MCDONALD'S
154,7000 MCDONALD'S
169.4450 MCDONALD'S
170.2450 MCDONALD'S
170.2500 MCDONALD'S
170.3050 MCDONALD'S
171.1050 MCDONALD'S
171.9050 MCDONALD'S
192.8000 MCDONALD'S (PRIVATE LINE)
457.5500 MCDONALD'S
461.0375 MCDONALD'S CUSTOMER
463.2875 MCDONALD'S CUSTOMER
464.0125 MCDONALD'S
464.5125 MCDONALD'S
466.0375 MCDONALD'S CLERK
467,7750 MCDONALD'S
468.2875 MCDONALD'S CLERK
469.0125 MCDONALD'S
469.5125 MCDONALD'S CLERK
030.8400 MRS WINNERS DRIVE UP
030.8400 TACO BELL CUSTOMER
151.4000 TACO BELL (PRIVATE LINE)
154.5700 TACO BELL CLERK
162,2000 TACO BELL (PRIVATE LINE)
173.8000 TACO BELL (PRIVATE LINE)
457.5375 TACO BELL
457.5500 TACO BELL
460.8875 TACO BELL
461.0375 TACO BELL
461.0875 TACO BELL
461.5375 TACO BELL
464.9625 TACO BELL
465.8875 TACO BELL CLERK
466.0375 TACO BELL
466.0875 TACO BELL
466.5375 TACO BELL
468.3875 TACO BELL
469.9625 TACO BELL
030.8400 WENDY'S
031.0000 WENDY'S
049.8300 WENDY'S CUSTOMER
049.8900 WENDY'S CLERK
100.0000 WENDY'S (PRIVATE LINE)
110.9000 WENDY'S (PRIVATE LINE)
154.5700 WENDY'S
170.3050 WENDY'S
457.5375 WENDY'S
460.8875 WENDY'S
461.0875 WENDY'S
461.8125 WENDY'S
465.8875 WENDY'S
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466.0875 WENDY'S

FAST FOOD FREQUENCIES Cont

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468.3875 WENDY'S
461.8125 WHITE CASTLE
461.8125 WHITE CASTLE CUSTOMER
466.8125 WHITE CASTLE CLERK
170.2450 WIRELESS MICS
170.3050 WIRELESS MICS
171.1050 WIRELESS MICS
171.9050 WIRELESS MICS
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116.4000----EDWARDS AFB - ATIS
120.7000----EDWARDS AFB - CONTROL TOWER
121.8000----EDWARDS AFB - GROUND CONTROL
126.1000----EDWARDS AFB - APPROACH CONTROL
127.8000----EDWARDS AFB - APPROACH CONTROL
133.6500----EDWARDS AFB - APPROACH/DEPARTURE CONTROL
138.4500----EDWARDS AFB - COMMAND POST
149.9250----EDWARDS AFB - SECURITY
162.6125----EDWARDS AFB - NASA OPS
164.1000----EDWARDS AFB - NASA
173.5875----EDWARDS AFB - FIRE
236.6000----EDWARDS AFB - CONTROL TOWER
269.9000----EDWARDS AFB - ATIS
290.3000----EDWARDS AFB - DEPARTURE CONTROL
318.1000----EDWARDS AFB - TOWER
348.7000----EDWARDS AFB - APPROACH CONTROL
372.2000----EDWARDS AFB - DISPATCHERS
390.1000----EDWARDS AFB - GROUND CONTROL
165.1875----KENNEDY SPACE CENTER - SAFETY
173.6625----KENNEDY SPACE CENTER - SAFETY
173.6875----KENNEDY SPACE CENTER - SECURITY
173.1750----KENNEDY SPACE CENTER - SECURITY
163,4625----KENNEDY SPACE CENTER - SECURITY
173.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
173.7820----KENNEDY SPACE CENTER - FIRE/RESCUE
163.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
162.6125----KENNEDY SPACE CENTER - LAUNCH SUPPORT OPS
170.1500----KENNEDY SPACE CENTER - BASE COMMANDER
163.5375----KENNEDY SPACE CENTER - HURRICANE OPERATIONS
165.4125----KENNEDY SPACE CENTER - ORBITER OPERATIONS
173.4375----KENNEDY SPACE CENTER - MEDICAL SERVICES
170.1750----KENNEDY SPACE CENTER - RAIL/GSA OPERATIONS
162.0125----KENNEDY SPACE CENTER - MARINE OPERATIONS
171.2625----KENNEDY SPACE CENTER - MEDIA COORDINATION
407.3250----KENNEDY SPACE CENTER - OPERATIONS POOL
408.1500----KENNEDY SPACE CENTER - OPERATIONS POOL
409.1750----KENNEDY SPACE CENTER - OPERATIONS POOL
148.4850----KENNEDY SPACE CENTER - PHOTO OPERATIONS
126.3000----KENNEDY SPACE CENTER - NASA SHUTTLE
135.6000----KENNEDY SPACE CENTER - ATS-1
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^{*} Note this is by no means a complete list of fast food frequencies

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135.5750----KENNEDY SPACE CENTER - ATS-3
296.8000----KENNEDY SPACE CENTER - SHUTTLE
141.3000----KENNEDY SPACE CENTER - NASA AIR SUPPORT
118.8000----KENNEDY SPACE CENTER - AFS SKIDSTRIP CAPE CANAVERAL AFS
381.2000----KENNEDY SPACE CENTER - AFS SKIDSTRIP CAPE CANAVERAL AFS
126.2000----KENNEDY SPACE CENTER - TOWER
284.0000----KENNEDY SPACE CENTER - TOWER
121.7500----KENNEDY SPACE CENTER - GROUND
259.7000----KENNEDY SPACE CENTER - SPACE SHUTTLE OPS
163.4875----KENNEDY SPACE CENTER - SECURITY
163.5125----KENNEDY SPACE CENTER - SECURITY
165.1875----KENNEDY SPACE CENTER - CHECK POINTS
170.4000----KENNEDY SPACE CENTER - GENERAL SERVICES ADM
173.6625----KENNEDY SPACE CENTER - NASA SAFETY
173.6875----KENNEDY SPACE CENTER - NASA SAFETY
163.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
173.5625----KENNEDY SPACE CENTER - FIRE/RESCUE
173.1750----KENNEDY SPACE CENTER - FIRE/RESCUE
173.7875----KENNEDY SPACE CENTER - FIRE/RESCUE
155.7150----KENNEDY SPACE CENTER - CIVIL DEFENCE
158.9400----KENNEDY SPACE CENTER - CIVIL DEFENCE
167.9750----KENNEDY SPACE CENTER - CIVIL DEFENCE
167.8500----KENNEDY SPACE CENTER - NUCLEAR MATERIALS
164.0000----KENNEDY SPACE CENTER - RADIATION MONITORING
282.2000----KENNEDY SPACE CENTER - SEARCH & RESCUE
170.3500----KENNEDY SPACE CENTER - VIP'S
408.1500----KENNEDY SPACE CENTER - SHUTTLE GROUND OPS
408.8000----KENNEDY SPACE CENTER - SHUTTLE GROUND OPS
170.1500----KENNEDY SPACE CENTER - PUBLIC RELATIONS
170.3500----KENNEDY SPACE CENTER - PUBLIC RELATIONS
170.3500----KENNEDY SPACE CENTER - PAGER
171.1500----KENNEDY SPACE CENTER - MAINTENANCE
170.1750----KENNEDY SPACE CENTER - MOTOR POOL
173.6875----KENNEDY SPACE CENTER - VAN ESCORTS
170.4000----KENNEDY SPACE CENTER - VEHICLE MAINTENANCE
171.0000----KENNEDY SPACE CENTER - PARKING CONTROL
171.1500----KENNEDY SPACE CENTER - FUELS
171.0000----KENNEDY SPACE CENTER - POWER UTILITIES
142.5000----KENNEDY SPACE CENTER - CRANES
142.8600----KENNEDY SPACE CENTER - CRANES
143.0400----KENNEDY SPACE CENTER - CRANES
148.4550----KENNEDY SPACE CENTER - CRANES
149.1750----KENNEDY SPACE CENTER - CRANES
407.4750----KENNEDY SPACE CENTER - CRANES
408.1500----KENNEDY SPACE CENTER - CRANES
408.1750----KENNEDY SPACE CENTER - CRANES
409.0500----KENNEDY SPACE CENTER - CRANES
148.4550----KENNEDY SPACE CENTER - CRAWLERS
149.1750----KENNEDY SPACE CENTER - CRAWLERS
163.4625----KENNEDY SPACE CENTER - CONTRACTOR SECURITY
148.4850----KENNEDY SPACE CENTER - LAUNCH OPERATIONS
162.6125----KENNEDY SPACE CENTER - LAUNCH OPERATIONS
148.4550----KENNEDY SPACE CENTER - RECOVERY VESSELS
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162.0125----KENNEDY SPACE CENTER - RECOVERY VESSELS
162.0125----KENNEDY SPACE CENTER - MISSILE BARGES
148,4850----KENNEDY SPACE CENTER - PHOTO UNITS
043.8800----KENNEDY SPACE CENTER - WILDLIFE CONTROL
162.6125----KENNEDY SPACE CENTER - ALPHA CONTROL
462.9250----KENNEDY SPACE CENTER - CAPE CANAVERAL HOSP
049.7000----KENNEDY SPACE CENTER - EOD
049.8000----KENNEDY SPACE CENTER - EOD
041.4500----KENNEDY SPACE CENTER - EOD
046.6500----KENNEDY SPACE CENTER - EOD
049.6200----KENNEDY SPACE CENTER - EOD
138.1500----KENNEDY SPACE CENTER - EOD
139.0500----KENNEDY SPACE CENTER - EOD
139,2500----KENNEDY SPACE CENTER - EOD
139.3000----KENNEDY SPACE CENTER - EOD
139.4250----KENNEDY SPACE CENTER - EOD
139.9000----KENNEDY SPACE CENTER - EOD
140.1700----KENNEDY SPACE CENTER - EOD
140.2000----KENNEDY SPACE CENTER - EOD
140.4000----KENNEDY SPACE CENTER - EOD
141.0000----KENNEDY SPACE CENTER - EOD
141.3000----KENNEDY SPACE CENTER - EOD
142.8600----KENNEDY SPACE CENTER - EOD
143,2800----KENNEDY SPACE CENTER - EOD
143,4300----KENNEDY SPACE CENTER - EOD
143.0350----KENNEDY SPACE CENTER - EOD
148.2500----KENNEDY SPACE CENTER - EOD
148.5150----KENNEDY SPACE CENTER - EOD
148.5600----KENNEDY SPACE CENTER - EOD
149.1500----KENNEDY SPACE CENTER - EOD
149.2500----KENNEDY SPACE CENTER - EOD
149,9000----KENNEDY SPACE CENTER - EOD
150.1500----KENNEDY SPACE CENTER - EOD
150.1950----KENNEDY SPACE CENTER - EOD
150,2500----KENNEDY SPACE CENTER - EOD
156.1850----KENNEDY SPACE CENTER - EOD
163.5625----KENNEDY SPACE CENTER - EOD
163.5875----KENNEDY SPACE CENTER - EOD
164.5000----KENNEDY SPACE CENTER - EOD
165.0125----KENNEDY SPACE CENTER - EOD
165.0375----KENNEDY SPACE CENTER - EOD
165.1125----KENNEDY SPACE CENTER - EOD
165.6125----KENNEDY SPACE CENTER - EOD
171.1500----KENNEDY SPACE CENTER - EOD
173.5375----KENNEDY SPACE CENTER - EOD
393.0000----KENNEDY SPACE CENTER - SKID TOWER
264.8000----KENNEDY SPACE CENTER - "THINKER 1"
294.6000----KENNEDY SPACE CENTER - "BARRACKS 9"
294.6000----KENNEDY SPACE CENTER - "VARIETY 1"
252.8000----KENNEDY SPACE CENTER - "RESCUE"
117.8000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
121.9000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
126.4000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
148.4000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
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162.6000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
170.1000----KENNEDY SPACE CENTER - KENNEDY OPERATIONS
164.8000----KENNEDY SPACE CENTER - KENNEDY AIRCRAFT OPS
148.5000----KENNEDY SPACE CENTER - KENNEDY SHIP OPS
149.1000----KENNEDY SPACE CENTER - KENNEDY SHIP OPS
162.0000----KENNEDY SPACE CENTER - KENNEDY SHIP OPS
121.5000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
123.1000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
156.0000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
156.8000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
157.1000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
243.0000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
282.5000----KENNEDY SPACE CENTER - MANNED FLIGHT SAR
264.8000----KENNEDY SPACE CENTER - SPACE SHUTTLE CHASE
171.2650----KENNEDY SPACE CENTER - MEDIA COORDINATION
126.6500----KENNEDY SPACE CENTER - SHUTTLE PRIOR LAUNCH
128.5500----KENNEDY SPACE CENTER - TOWER
284.0000----KENNEDY SPACE CENTER - TOWER
020.1858----KENNEDY SPACE CENTER - REBROADCAST - MALABAR
148.4850----KENNEDY SPACE CENTER - LAUNCH COUNTDOWN/STATUS
170.1500----KENNEDY SPACE CENTER - BASE OPERATIONS
170.1750----KENNEDY SPACE CENTER - TRANSPORTATION
170.3500----KENNEDY SPACE CENTER - PUBLIC RELATIONS
173.1750----KENNEDY SPACE CENTER - SECURITY - GATES
118.4000----PATRICK AFB - APPROACH/DEPARTURE CONTROL
121,7000----PATRICK AFB - GROUND CONTROL
125.1000----PATRICK AFB - APPROACH CONTROL
126.2000----PATRICK AFB - CONTROL TOWER
128.8000----PATRICK AFB - DISPATCHER
138.3000----PATRICK AFB - COMMAND POST
273.5000----PATRICK AFB - ATIS
335.8000----PATRICK AFB - GROUND CONTROL
340.9000----PATRICK AFB - APPROACH/DEPARTURE CONTROL
344.6000----PATRICK AFB - WEATHER
348.4000----PATRICK AFB - CONTROL TOWER
358.3000----PATRICK AFB - APPROACH CONTROL
372.2000----PATRICK AFB - DISPATCHERS
Contractors
122.8000----CONTRACTORS (ROCKWELL - EDWARDS AFB)
123.0500----CONTRACTORS (ROCKWELL - EDWARDS AFB)
123.3500----CONTRACTORS (ROCKWELL - EDWARDS AFB)
123.5250----CONTRACTORS (ROCKWELL - EDWARDS AFB)
123.4750----CONTRACTORS (ROCKWELL - EDWARDS AFB)
462.9250----CONTRACTORS (ROCKWELL - EDWARDS AFB)
123.4750----CONTRACTORS (ROCKWELL - KENNEDY SPACE CENTER)
123.3000----CONTRACTORS (MCDONNELL DOUGLAS - EDWARDS AFB)
123.5500----CONTRACTORS (MCDONNELL DOUGLAS - EDWARDS AFB)
151.9550----CONTRACTORS (COM-TECH ASSOCIATES - KENNEDY SPACE CENTER)
152.4800----CONTRACTORS (IBM & HARRIS CORP - KENNEDY SPACE CENTER)
154.5150----CONTRACTORS (TWA - KENNEDY SPACE CENTER)
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Shuttle / Space Station Mir Communications

145.5500----FM VOICE DOWNLINK - NORMAL

144.4500----FM VOICE UPLINK 144.4700----FM VOICE UPLINK

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121.7500----AIR/AIR - LOW POWER FM NARROW MODE
130.1670----MIR VOICE DOWNLINK - LOW POWER FM NARROW MODE
143.6250----MIR VOICE DOWNLINK - FM NARROW MODE
259.7000----SPACE SHUTTLE VOICE UPLINK/DOWNLINK - AM MODE
628.0000----MIR TELEMETRY - MODE UNKNOWN
630.0000----MIR TELEMETRY - MODE UNKNOWN
296.8000----AIR/GROUND - ORBITER/SUIT
259.7000-----AIR/GROUND - SUIT/ORBITER
279.0000----SUIT/ORBITER - SUIT/SUIT
243.0000----STANDARD MILITARY AIRCRAFT EMERGENCY FREQUENCY
2287.500----*PRIMARY DIGITAL DOWNLINK
2250.000----SEE NOTES BELOW FOR INFO

Sarex Missions ( Shuttle To Licensed Radio Amaters )
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Space Shuttle Frequencies For Your Town

145.8400----FM VOICE DOWNLINK - MIR DOCKING MISSIONS

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448.5000----NATIONAL
145.1500----AL-BIRMINGHAM
145.3800----AL-BIRMINGHAM
147.1000----AL-HUNTSVILLE
173.0250----AL-HUNTSVILLE
439.2500----AR-RUSSELLVILLE
421.2500----AZ-PHOENIX
448.9750----AZ-PHOENIX
449.0000----AZ-PHOENIX
448.6250----AZ-TUCSON
052.2200----CA-BAKERSFIELD
052.6400----CA-LOS ANGELES
145.3200----CA-LOS ANGELES
145.4600----CA-LOS ANGELES
224.9400----CA-LOS ANGELES
445.4000----CA-LOS ANGELES
445.4250----CA-LOS ANGELES
446.5750----CA-LOS ANGELES
447.0000----CA-LOS ANGELES
447.0250----CA-LOS ANGELES
447.4000----CA-LOS ANGELES
447.4750----CA-LOS ANGELES
448.3750----CA-LOS ANGELES
448.5000----CA-LOS ANGELES
448.6500----CA-LOS ANGELES
449.0000----CA-LOS ANGELES
1241.250----CA-LOS ANGELES
145.5850----CA-MONTEREY BAY
443.3000----CA-MONTEREY BAY
145.5800----CA-MOUNTAIN VIEW
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- 145.5300----CA-NORTHERN
- 147.1500----CA-PASADENA
- 224.0800----CA-PASADENA
- 145.3200----CA-REDONDO BEACH
- 147.1950----CA-SACRAMENTO
- 448.6250----CA-SAN DIEGO
- 448.6750----CA-SAN DIEGO
- 449.4500----CA-SAN DIEGO
- 1277.250----CA-SAN DIEGO
- 007.1650----CA-SAN FRANCISCO
- 003.8400----CA-SAN FRANCISCO
- 145.5850----CA-SAN FRANCISCO
- 427.2500----CA-SAN FRANCISCO
- 444.7750----CA-SAN FRANCISCO
- 052.2200----CA-SAN JOAQUIN VLY
- 443.5500----CA-SAN JOSE
- 449.0000----CA-SANTA BARBARA
- 1277.000----CA-SANTA BARBARA
- 052.2200----CA-STOCKTON
- 146.6550----CA-VENTURA
- 449.6000----CO-ASPEN
- 145.4600----CO-BOULDER
- 145.1600----CO-COLORADO SPRINGS
- 147.2250----CO-DENVER
- 224.9800----CO-DENVER
- 447.1000----CO-GLENWOOD SPRINGS
- 449.3000----CO-GRAND JUNCTION
- 449.9000----CO-VAIL
- 442.0750----FL-CLEARWATER BEACH
- 421.7500----FL-COCOA
- 147.1500----FL-DAYTONA BEACH
- 145.2100----FL-FORT LAUDERDALE
- 442.6500----FL-FORT LAUDERDALE
- 146.9000----FL-GAINESVILLE
- 147.1200----FL-JACKSONVILLE
- 144.3850----FL-JACKSONVILLE
- 147.3750----FL-LAKELAND
- 051.8400----FL-LARGO
- 145.2300----FL-LARGO
- 144.4000----FL-MACCLENNY
- 145.1700----FL-MELBOURNE
- 146.9400----FL-MERRITT ISLAND
- 147.1500----FL-ORLANDO
- 443.1000----FL-ORLANDO
- 443.9500----FL-PORT RICHEY
- 147.2850----FL-ST. PETERSBURG
- 443.6250----FL-ST. PETERSBURG
- 145.1300----FL-VERO BEACH
- 145.1300----GA-ASHBURN
- 146.6550----GA-ATLANTA
- 147.3450----GA-ATLANTA
- 427.2500----GA-ATLANTA
- 147.9150----GA-FORSYTH
- 146.4000----IA-CEDAR RAPIDS

- 444.3000----IA-CEDAR RAPIDS
- 146.8800----IL-CHAMPAIGN-URBANA
- 426.2500----IL-CHAMPAIGN-URBANA
- 145.2100----IL-CHICAGO
- 145.3500----IL-CHICAGO
- 145.3500----IL-DOWNERS GROVE
- 145.3500----IL-MORTON GROVE
- 145.3500----IL-ROLLING MEADOWS
- 147.2850----IL-SCHAUMBURG
- 426.2500----IN-INDIANAPOLIS
- 003.8600----MD-GREENBELT
- 007.1850----MD-GREENBELT
- 014.2950----MD-GREENBELT
- 021.3950----MD-GREENBELT
- 147.4500----MD-GREENBELT
- 146.9250----ME-PORTLAND
- 224.8400----ME-YORK
- 149.2000----MN-CENTRAL
- 145.1500----MN-TWIN CITIES
- 147.1200----MN-TWIN CITIES
- 147.4500----MN-WASECA
- 427.2500----MN-WASECA
- 224.6600----MO-GLADSTONE
- 145.4300----MO-KANSAS CITY
- 426.2500----MO-KANSAS CITY
- 442.0000----MO-ST. LOUIS
- 146.7000----MS-BAY ST. LOUIS
- 014.2300----NC-MEBANE
- 443.4000----NJ-CENTRAL
- 146.6100----NJ-PATTERSON
- 449.0000----NV-LOS VEGAS
- 920.8000----NY-ALBANY
- 145.4300----NY-LONG ISLAND
- 448.4250----NY-LONG ISLAND
- 447.2250----NY-TROY
- 145.6700----OH-CLEVELAND
- 145.1100----OH-DAYTON
- 146.7900----OH-GREENVILLE
- 144.3400----OK-TULSA
- 146.9400----OK-TULSA
- 421.2500----OK-TULSA
- 145.6200----PA-PITTSBURGH
- 421.2500----PA-PITTSBURGH
- 146.8050----SC-ORANGEBURG
- 145.5500----SD-WATERTOWN
- 145.3100----TX-DALLAS
- 146.6000----TX-DALLAS
- 448.7500----TX-DALLAS
- 448.6500----TX-EL PASO
- 146.6400----TX-HOUSTON
- 910.2500----TX-WACO
- 145.2900----UT-BRIGHAM CITY
- 448.6500----UT-CEDAR CITY
- 449.7750----UT-OGDEN

146.4600----UT-SALT LAKE CITY 448.6250----UT-SALT LAKE CITY 144.3400----VA-NORFOLK 427.2500----VA-NORFOLK 431.7500----VA-NORFOLK 146.8200----WI-WAUSAU 147.0600----WI-WAUSAU 421.2500----WI-WAUSAU 147.5300----WY-SINCLAIR

Coast Guard HF SITOR (NBDP) Broadcast Schedule

Boston, Massachusetts (NMF):

6314 (0000Z, 0100Z), 8416.5, 12579 and 16806.5 (1200Z, 1600Z) kHz Start Broadcast 0140Z 1630Z Ice (Seasonal, ~Feb-Sep) 0030Z3 1218Z3

Point Reyes, California (NMC):

8416.5 and 16806.5 kHz Start Broadcast 0005Z 1800Z

Honolulu, Hawaii (NMO):

8416.5, 12579 and 22376 kHz Start (8/12/22 MHz) 0130Z 1730Z2 2030Z 2230Z1

Start (8/12 MHz) 0330Z2 0430Z 0630Z 1 0730Z 1330Z

Guam (NRV):

12579, 16806.5 and 22376 kHz Start Broadcast 0230Z1 0500Z 0900Z1 1500Z 1900Z 2315Z

- 1 HYDROPAC navigation message, no weather
- 2 NAVAREA navigation message, no weather
- 3 International Ice Patrol, call letters NIK

HF Sitor Frequencies

Coast Guard HF SITOR (NBDP) Broadcast Schedule

Boston, Massachusetts (NMF):

6314 (0000Z, 0100Z), 8416.5, 12579 and 16806.5 (1200Z, 1600Z) kHz Start Broadcast 0140Z 1630Z Ice (Seasonal, ~Feb-Sep) 0030Z3 1218Z3

Point Reyes, California (NMC):

8416.5 and 16806.5 kHz Start Broadcast 0005Z 1800Z

Honolulu, Hawaii (NMO):

8416.5, 12579 and 22376 kHz

Start (8/12/22 MHz) 0130Z 1730Z2 2030Z 2230Z1

Start (8/12 MHz) 0330Z2 0430Z 0630Z 1 0730Z 1330Z

Guam (NRV):

12579, 16806.5 and 22376 kHz

Start Broadcast 0230Z1 0500Z 0900Z1 1500Z 1900Z 2315Z

- 1 HYDROPAC navigation message, no weather
- 2 NAVAREA navigation message, no weather
- 3 International Ice Patrol, call letters NIK

RAILROADS

OFFICIAL A.A.R. RADIO CHANNEL NUMBERS

- 07 160.215
- 08 160.230
- 09 160.245
- 10 160.260
- 11 160.275
- 12 160.290
- 13 160.305
- 14 160.320
- 15 160.335
- 16 160.350
- 17 160.365
- 18 160.380
- 19 160.395
- 20 160.410
- 21 160.425
- 22 160.440
- 23 160.455
- 24 160,470
- 25 160.485
- 26 160.500
- 27 160.515
- 28 160.530
- 29 160.545
- 30 160.560
- 31 160.575 32 160.590
- 33 160.605
- 34 160.620
- 35 160.635
- 36 160.650
- 37 160.665
- 38 160.680 39 160.695
- 40 160.710
- 41 160.725
- 42 160.740
- 43 160.755
- 44 160.770
- 45 160.785

RAILROADS cont

16	160 900
46	160.800
47	160.815
48	160.830
49	160.845
50	160.860
51	160.875
52	160.890
53	160.905
54	160.930
55	160.935
56	160.950
57	160.965
58	160.980
59	160.995
60	161.010
61	161.025
62	161.040
63	161.055
64	161.070
65	161.085
66	161.100
67	161.115
68	161.130
69	161.145
70	161.160
71	161.175
72	161.190
73	161.205
74	161.220
75	
76	161.250
77	161.265
78	161.280
79	161.295
80	161.310
81	161.325
82	161.340
83	161.355
84	161.370
85	161.385
86	161.400
87	161.415
88	161.430
89	161.445
90	161.460
91	161.475
92	161.490
93	161.505
94	161.520
95	
	161.535
96	161.550

97 161.565

NOTE: Just scan trough these frequencies to find the local frequencies in your area

Nascar Frequencies

# DRIVER	PRIMARY	2ND	3RD
1 Steve Park	466.2500	466.2250	
2 Rusty Wallace	461.5875	461.3375	
3 Dale Earnhardt	462.0250	469.0125	
4 Bobby Hamilton	461.7500	464.1750	461.7500
5 Terry Labonte	468.2125	469.4875	
6 Mark Martin	460.9500	468.5625	
7 Geoff Bodine	457.3750	463.1750	
8 Hut Stricklin	452.3000	465.8875	465.8850
9 Jerry Nadeau	464.1750	463.9750	
10 Ricky Rudd	465.7375	469.9375	463.7375
11 Brett Bodine	855.5125	855.5625	
12 Jeremy Mayfield	462.7125	469.6625	462.5250
13 Dennis Setzer	469.8750	468.6750	
16 Kevin LePage	468.4500	466.2750	
18 Bobby Labonte	467.7625	467.1875	
21 Michael Waltrip	855.0375	855.2875	854.7875
22 Ward Burton	468.9375	462.8375	
23 Jimmy Spencer	469.8375		
24 Jeff Gordon	465.8625	467.0625	469.4875
26 Johnny Benson	469.0250	461.7375	468.5625
28 Kenny Irwin	466.9500	466.4500	
30 Derrike Cope	466.3000	469.0000	469.1250
31 Mike Skinner	468.2500	462.1250	466.9250
33 Ken Schrader	466.7375	468.7750	
35 Darrell Waltrip	465.2875	407.0075	
36 Ernie Irvan	463.2875	467.0375	400,0005
40 Sterling Marlin	461.0000	460.9750	463.9625
41 Steve Grissom	459.3625	461.5625	
42 Joe Nemechek	460.9750		
43 John Andretti 44 Kyle Petty	468.3000	460 9000	
46 Jeff Green	469.3000 468.8000	469.8000 468.0000	
47 Billy Standridge	469.0375	457.5125	
50 Wally Dallenbach	466.7875	469.4875	
71 Dave Marcis	467.5625	403.4073	
75 Rick Mast	468.9750	461.9375	
77 Robert Pressley	463.8875	468.8875	
78 Gary Bradberry	451.7875	463.9000	454.3500
81 Kenny Wallace	459.3875	459.2875	10 1.0000
88 Dale Jarrett	468.5250	466.3750	
90 Dick Trickle	467.1625	461.5375	
91 TBA	468.1875	460.6875	
94 Bill Elliott	469.3625	468.6750	469.8750
96 David Green	464.8875	461.4750	. 30.0. 00
97 Chad Little	460.6625	463.4250	
98 Rich Bickle	468.7250	469.1500	
99 Jeff Burton	466.2750	466.8625	

US HF Global Network Frequencies

US Global HF Frequencies

Albrook (Panama) 6739, 8992, 11175, 15016 Andersen (Guam) 4724, 6739, 8968, 11175, 13200 Andrews (USA) 4724, 6739, 8968, 11175, 15016, 17976 Ascension Island 6712, 6739, 8992, 11175, 15016 Croughton (UK) 4724, 6712, 8968, 11175, 13200, 15016, 17976 Elmendorf (Alaska) 6739, 8968, 11175, 13200, 15016, 17976 Hickham (Hawaii) 6739, 8968, 11175, 13200 Incirlik (Turkey) 4724, 6739, 8992, 11175, 13215, 15016, 17976 Lajes (Azores) 6712, 8968, 15016 Macdill (USA) 6739, 8968, 11175, 15016

4724, 6739, 8968, 11175, 13200, 15016, 17976

Offutt (USA)

4724, 6712, 6739, 8968, 11175, 13200, 15016, 17976

Thule (Greenland)

McClellan (USA)

4724, 6739, 8968, 11175, 15016, 17976

Yokota (Japan)

4724, 6739, 8968, 8992, 11175, 13200, 15016, 17976

Hurricane Frequencies

02670.0 USB USCG wx Cape Hatteras NC (0133 1303) 02670.0 USB USCG wx Fort Macon NC (0103 1233) 02670.0 USB USCG wx Eastern Shore VA (0233 1403) 02670.0 USB USCG wx Hampton Roads VA (0203 1333) 02670.0 USB USCG wx San Francisco (0203 1403) 02670.0 USB USCG wx Los Angeles/Long Beach CA (1303 2103) 02670.0 USB USCG wx Honolulu (0903 2103) 02670.0 USB USCG wx Marianas Section Guam (0705 2205) 02802.4 USB American Red Cross Disaster (F-91) ** 03171.4 USB American Red Cross Disaster (F-92) ** 03357.0 FAX Pictures from NAM Cutler, Maine (continuous) 03820.0 FAX Pictures from USN Keflavik (continuous) 03622.5 FAX Pacific Ocean pictures from Tokyo Meteo (0110 1910) 04271.0 FAX Pictures from CFH Halifax (continuous) 04426.0 USB USCG wx NMN Portsmouth (0330 0500 0930) 04426.0 USB USCG wx NMC San Francisco (0430 1030) 04724.0 USB GHFS

```
05136.4 USB American Red Cross Disaster (F-93) **
05141.4 USB American Red Cross Disaster (F-94) **
05211.0 USB FEMA
05236.0 USB SHARES Coordination Network (nationwide HF voice coordination)
06496.0 FAX Pictures from CFH Halifax (continuous)
06501.0 USB USCG wx NMN Portsmouth (0330 0500 0930 1130 1600 2200 2330)
06501.0 USB USCG wx NMO Honolulu (0600 1200)
06501.0 USB USCG wx Marianas Section Guam (0930 1530)
06712.0 USB USAF GHFS SAR
06739.0 USB GHFS
06859.5 USB American Red Cross Disaster (F-95) **
07305.0 FAX Pacific Ocean pictures from Tokyo Meteo (0110 1910)
07507.0 USB USN/USCG hurricane net (pri)
07508.5 USB FAA Caribbean hurricane net
07550.5 USB American Red Cross Disaster (F-96 - primary) **
07698.5 USB American Red Cross Disaster (F-97) **
08080.0 FAX Pictures from NAM Cutler, Maine (continuous)
08764.0 USB USCG wx NMN Portsmouth (0330 0500 0930 1130 1600 1730 2200 2330)
08764.0 USB USCG wx NMC San Francisco (0430 1030 1630 2230)
08764.0 USB USCG wx NMO Honolulu (0000 0600 1200 1800)
08992.0 USB GHFS
09318.0 FAX Pictures from NAM Keflavik (continuous)
09380.0 USB USN/USCG hurricane net (sec)
09970.0 FAX Pacific Ocean pictures from Tokyo Meteo (0110 1910)
10255.0 FAX Pictures from USN Guam (continuous)
10493.0 USB FEMA
10536.0 FAX Pictures from CFH Halifax (continuous)
10865.0 FAX Pictures from NAM Cutler, Maine (continuous)
11175.0 USB GHFS
13089.0 USB USCG wx NMN Portsmouth (1130 1600 1730 2200 2330)
13089.0 USB USCG wx NMC San Francisco (0430 1030 1630 2230)
13089.0 USB USCG wx NMO Honolulu (0000 1800)
13089.0 USB USCG wx Marianas Section Guam (0300 2130)
13200.0 USB GHFS
13510.0 USB Pictures from CFH Halifax (1000-2200)
13597.0 FAX Pacific Ocean pictures from Tokyo Meteo (0110 1910)
14396.5 USB SHARES Coordination Network (nationwide HF voice coordination)
15016.0 USB GHFS
15959.0 FAX Pictures from NAM Cutler, Maine (continuous)
16029.6 FAX Pictures from USN Guam (continuous)
17314.0 USB USCG wx from NMN Portsmouth (1730)
17314.0 USB USCG wx from NMC San Francisco (1630 2230)
18220.0 FAX Pacific Ocean pictures from Tokyo Meteo (0110 1910)
18486.0 FAX Pictures from NAM Keflavik (continuous)
19860.0 FAX Pictures from USN Guam (continuous)
20015.0 FAX Pictures from NAM Cutler, Maine (continuous)
23523.0 FAX Pacific Ocean pictures from Tokyo Meteo (0110 1910)
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AMATEUR HIGH-FREQUENCY EMERGENCY HURRICANE NETS 01984.0 LSB Virgin Islands (VI, Puerto Rico, Lesser Antilles) 03710.0 LSB Puerto Rico

^{**} Type-accepted equipment and an issued US FCC license are required to transmit on these frequencies

```
03808.0 LSB Caribbean Wx (1030)
03815.0 LSB Antigua/Antilles Emergency and Weather
03815.0 LSB Inter-island (continuous watch)
03818.0 LSB Antigua/Antilles
03845.0 LSB Gulf Coast West Hurricane
03862.5 LSB Mississippi Section Traffic
03865.0 LSB West Virginia Emergency
03873.0 LSB Central Gulf Coast Hurricane
03873.0 LSB Louisiana ARES Emergency (night)
03873.0 LSB Texas ARES Emergency
03873.0 LSB Mississippi ARES Emergency
03905.0 LSB Pacific ARES (Hawaii)
03905.0 LSB Delaware Emergency
03907.0 LSB Carolina Coast Emergency
03910.0 LSB Mississippi ARES
03910.0 LSB Louisiana Traffic
03910.0 LSB Virginia Emergency, Alpha (ARES/RACES)
03913.0 LSB New York State Emergency
03915.0 LSB South Carolina ARES Emergency
03915.0 LSB Massachusetts/Rhode Island Emergency
03917.0 LSB Eastern Pennsylvania Emergency
03920.0 LSB Maryland Emergency
03923.0 LSB Mississippi ARES
03923.0 LSB North Carolina ARES Emergency (Tar Heel)
03925.0 LSB Central Gulf Coast Hurricane
03925.0 LSB New York State Emergency
03925.0 LSB Louisiana Emergency (altn)
03927.0 LSB North Carolina ARES (health & welfare)
03925.0 LSB Southwest Traffic (altn)
03935.0 LSB Belize
03935.0 LSB Central Gulf Coast Hurricane
03935.0 LSB Louisiana ARES (health & welfare)
03935.0 LSB Texas ARES (health & welfare)
03935.0 LSB Mississippi ARES (health & welfare)
03935.0 LSB Alabama Emergency
03937.0 LSB Western Massachusetts ARES
03940.0 LSB Southern Florida Emergency
03947.0 LSB Virginia Emergency, Bravo (health & welfare)
03950.0 USB Hurricane Watch (Amateur-to-National Hurricane Center) (altn)
03950.0 LSB Northern Florida Emergency
03955.0 LSB South Texas Emergency
03960.0 LSB Northeast Coast Hurricane
03965.0 LSB Alabama Emergency (altn)
03965.0 LSB Connecticut Emergency
03967.0 LSB Gulf Coast (outgoing traffic)
03970.0 LSB New Jersev ARES
03975.0 LSB Georgia ARES
03975.0 LSB Texas RACES
03980.0 LSB Southeast Virginia ARES
03987.5 LSB Mexican National
03990.5 LSB New Jersey RACES
03993.0 LSB New York State RACES
03993.5 LSB Gulf Coast (health & welfare)
03993.5 LSB South Carolina Emergency
```

03995.0 LSB Gulf Coast Wx 03995.0 LSB Western New York State Coordination 07055.0 LSB El Grupo Seguimiento de Huracanes (Spanish) 07060.0 LSB Mexican (emergency and health & welfare) (Spanish) 07070.0 LSB Manana (Baja California) 07090.0 LSB Central America Emergency 07145.0 LSB Bermuda 07165.0 LSB Antigua/Antilles Emergency and Weather 07165.0 LSB Inter-island 40-meter (continuous watch) 07225.0 LSB Central Gulf Coast Hurricane 07230.0 LSB New York State Emergency 07230.0 LSB Southwest Traffic 07232.0 LSB North Carolina ARES Emergency (Tar Heel) (altn) 07235.0 LSB Louisiana Emergency 07235.0 LSB Baja California 07235.0 LSB Central Gulf Coast Hurricane 07235.0 LSB West Virginia 07235.0 LSB Louisiana Emergency 07240.0 LSB American Red Cross US Gulf Coast Disaster 07240.0 LSB Texas Emergency 07240.0 LSB Virginia Emergency, Bravo (health & welfare) (altn) 07242.0 LSB Southern Florida ARES Emergency (altn) 07243.0 LSB Alabama Emergency 07243.0 LSB South Carolina Emergency 07245.0 LSB Southern Louisiana 07245.0 LSB New York State RACES 07247.5 LSB Northern Florida ARES Emergency (altn) 07248.0 LSB Texas RACES 07250.0 LSB Belize 07250.0 LSB Texas Emergency 07254.0 LSB Northern Florida Emergency 07260.0 LSB Gulf Coast West Hurricane 07260.0 LSB Virginia Emergency, Alpha (ARES/RACES) (altn) 07264.0 LSB Gulf Coast (health & welfare) 07265.0 USB Salvation Army Team Emergency Radio (SATERN) 07268.0 LSB Bermuda 07268.0 LSB Waterway 07273.0 LSB Texas ARES (altn) 07275.0 LSB Georgia ARES 07280.0 LSB NTS Region 5 07280.0 LSB Louisiana Emergency (altn) 07283.0 LSB Gulf Coast (outgoing only) 07285.0 LSB Louisiana ARES Emergency (day) 07285.0 LSB Mississippi ARES Emergency 07285.0 LSB Texas ARES Emergency 07290.0 LSB Central Gulf Coast Hurricane 07290.0 LSB Gulf Coast Wx 07290.0 LSB Texas ARES (health & welfare) 07290.0 LSB Louisiana ARES (health & welfare) (day) 07290.0 LSB Texas ARES (health & welfare) 07290.0 LSB Mississippi ARES (health & welfare) 07290.0 LSB Hawaii Emergency 07290.0 LSB Traffic

14185.0 USB Caribbean Emergency

```
14200.0 USB (Please advise)
14215.0 USB Pacific Inter-island
14222.0 USB Health & Welfare
14245.0 USB Health & Welfare
14265.0 USB Salvation Army Team Emergency Radio (SATERN)
14268.0 USB Amateur Radio Readiness Group
14275.0 USB Bermuda
14275.0 USB International Amateur Radio
14283.0 USB Caribus (health & welfare)
14300.0 USB Intercontinental Traffic
14300.0 USB Maritime Mobile Service
14303.0 USB International Assistance & Traffic
14313.0 USB Intercontinental Traffic (altn)
14313.0 USB Maritime Mobile Service (altn)
14316.0 USB Health & Welfare
14320.0 USB Health & Welfare
14325.0 USB Hurricane Watch (Amateur-to-National Hurricane Center)
14340.0 USB Louisiana (1900)
14340.0 USB Manana (1900)
14340.0 USB California-Hawaii
21310.0 USB Health & Welfare (Spanish)
21390.0 USB Inter-Americas (health & welfare)
21400.0 USB Transatlantic Maritime
28410.0 USB New Jersey ARES
28450.0 USB Health & Welfare (Spanish)
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Mystic Star

3032	6817	9023	11413	13585	20053
3046	6803	9026	11441	13710	20154
3076	6918	9043	11460	13823	20313
3071	6927	9120	11466	13960	22723
3116	6993	9158	11484	14715	23265
3144	7316	9180	11488	14902	25578
4721	7690	9270	11498	14913	26471
4731	7735	9320	11545	15015	
4742	7765	9958	11596	15036	
4760	7813	9991	11615	15048	
5688	7858	10112	11627	15091	
5700	7997	10427	12324	15687	
5710	8040	10530	12317	16080	
5760	8060	10583	13201	16117	
5800	8162	10881	13204	16320	
5820	8170	11035	13214	16407	
6683	8967	11055	13215	17385	
6715	8992	11118	13241	17480	
6738	8993	11176	13247	17972	
6756	9007	11180	13412	17993	
6757	9014	11210	13440	18027	
6760	9017	11226	13455	18218	
6790	9018	11249	13457	19047	
6812	9020	11407	13485	20016	

New Zealand Railway Radio Frequencies

Warning: It may be an offence to divulge what you hear to anyone who is not a party to a transmission.

The following radio frequencies (MHz) may be used by railways in New Zealand (FM unless specified AM):

153.45625		Ch 1 Road (driver to guard/shunter)
153.73125		Ch 2 Train to dispatcher
151.95000		Ch 2 Dispatcher to train
153.83125		Ch 3 Train to dispatcher
152.05000		Ch 3 Dispatcher to train
154.13125		Ch 4 Train to dispatcher
152.35000		Ch 4 Dispatcher to train
425.150	420.1375	Dispatcher link
425.650	420.6375	Dispatcher link
429.875	424.8625	Dispatcher link
453.3625		Yard (Rail Ferry shunting?)
453.4375		Yard (Westfield?)
453.4875		Yard
453.5125		Yard (Wellington?)
453.5625		Yard
84.5375		MofW - Low power - AM
85.71875	81.750	MofW - AM - Mobile telephone (Auckland?)
85.73125	81.7625	MofW - AM - Mobile telephone (Christchurch?)
86.21875	82.250	MofW - AM - Mobile telephone (Palmerston North?)
86.21875	82.3125	MofW - AM - Mobile telephone
86.33125	82.3625	MofW - AM - Mobile telephone
86.56875	82.600	MofW - AM - Mobile telephone (Dunedin?)
86.88125	82.9125	MofW - AM - Mobile telephone (Wellington?)
86.96875	83.000	MofW - AM - Mobile telephone (Te Awamutu?)
87.15625	83.1875	MofW - AM - Mobile telephone (Ohakune?)
87.19375	83.225	MofW - AM - Mobile telephone (Palmerston North?)
87.29375	83.325	MofW - AM - Mobile telephone (Taihape?)
87.44375	83.475	MofW - AM - Mobile telephone (Taumarunui?)
87.58125	83.6125	MofW - AM - Mobile telephone (Te Rapa?)
87.66875	83.700	MofW - AM - Mobile telephone (Hawkes Bay?)

RTTY Frequencies

========	:=========	:=======:	=======
From To	Khz Country Age	ncy Note	
0000 0100	7,868.0 Korea Sth Y0	NHAP	
		HUA	
	11602.5 Korea Sth Y	-	
		HUA 1	
	7,650.0 China XINI	_	
	14760.0 China XIN		
0230 0330	7,695.0 Taiwan CN	A	
	10235.0 Taiwan CN	IA	
0230 0330	10960.0 Taiwan CN	Α	
0230 0330	13563.0 Taiwan CN		
	16224.0 Taiwan CN		
0400 0530	11430.0 Korea Nth K	CNA	
	11476.0 Korea Nth K		
	13780.0 Korea Nth K		
	15633.0 Korea Nth K		
	10580.0 Korea Nth K		
	14568.0 Korea Nth K		
	13580.0 Korea Nth K		
	11604.0 Serbia TAI	NJUG 6	
	17470.0 China XIN	HUA	
	18872.0 China XIN	HUA	
	14367.0 China XIN	HUA	
	16136.0 China XIN 15744.0 Vietnam VI		
		NA NA	
	22892.5 Italy ANS		
	7,868.0 Korea Sth Y0		
	11602.5 Korea Sth Y		
		HUA	
	7,658.0 Serbia TAN		
	11604.0 Serbia TAI		
	12212.5 Serbia TAI	NJUG 6	
	13440.0 Serbia TAI	NJUG 6	
	9,463.0 Jordan PET	TRA .	
	14560.0 Jordan PE		
0800 0900	20085.0 Italy ANS	A 3	
0800 1030	14452.0 Korea Nth K	CNA	
0830 1000	14785.0 India MEA	A 1	
0830 1000	18255.0 India MEA	A 1	
	14639.0 Laos KP		
	13560.0 Turkey AA		040.0 Turkey AA
	10235.0 Taiwan CN		
	10960.0 Taiwan CN		
	13563.0 Taiwan CN		
	16224.0 Taiwan CN		
	•	OMPRESS	
	•	HUA 1	
	8,030.0 Italy ANS		
	8,062.0 Italy ANS		
	8,152.0 Korea Nth K0		
1000 1100	9,133.0 Albania ATA	`	

RTTY Frequencies Cont

```
1000 1100 10580.0 Korea Nth KCNA
1000 1100 11536.0 Korea Nth KCNA
1000 1100 18561.0 Iran
                         IRNA
1000 1100 19171.1 Morocco
                            MAP
1000 1100 20085.0 Italy
                         ANSA
                                  3
1000 1100 24790.0 Italy
                         ANSA
                                  3
1000 1200 9,114.0 Hungary
                           MTI
1000 1200 11430.0 Korea Nth KCNA
1000 1200 15633.0 Korea Nth KCNA
1000 1400 14367.0 China
                          XINHUA
1015 1100 19463.0 Sudan
                           SUNA
1030 1100 10162.5 Iraq
                         INA
1030 1100 16117.0 Senegal
                          PANA
                                    6
1030 1330 16136.0 China
                          XINHUA
1100 1130 7.658.0 Serbia
                          TANJUG
1100 1130 9,797.0 Romania
                          ROMPRESS
1100 1200 14932.0 Algeria
                          APS
1100 1230 12110.0 Romania
                          ROMPRESS
1130 2000 11133.0 China
                          XINHUA
1200 1230 12212.5 Serbia
                          TANJUG
1200 1230 13440.0 Serbia
                          TANJUG
1200 1230 18411.5 Indonesia MFA
                                   FEC
1200 1300 11602.5 Korea Sth YONHAP
1200 1300 20085.0 Italy
                         ANSA
                                  3
1200 1300 22955.0 Italy
                         ANSA
                                  3
1200 1300 24790.0 Italy
                         ANSA
                                  3
1200 1300 25271.5 Italy
                         ANSA
                                  3
1200 1400 7,842.4 Morocco
                           MAP
1200 1400 14760.0 Morocco
                            MAP
1200 1400 15644.9 Morocco
                            MAP
                                    5
1200 1400 15752.7 Morocco
                            MAP
                                    5
1200 1400 18220.9 Morocco
                            MAP
1200 1400 18265.0 Morocco
                            MAP
1200 1400 18496.0 Morocco
                            MAP
1200 1400 19171.1 Morocco
                            MAP
                            PANA
1230 1300 16117.0 Senegal
                                    6
1250 1400 14373.0 Iraq
                         INA
                                2
1250 1400 14699.0 Iraq
                         INA
                                2
1300 1330 18040.0 Turkey
                           AA
1300 1400 14932.0 Algeria
                           APS
1300 1400 16343.0 Serbia
                          TANJUG
                         INA
                                2
1300 1430 7,565.0 Iraq
1300 1430 10162.5 Iraq
                         INA
                                2
1300 1430 20204.0 Serbia
                          TANJUG
1300 1530 9,330.0 Vietnam
                           VNA
1300 1600 10600.0 Vietnam
                           VNA
1330 1500 7,695.0 Taiwan
                           CNA
1330 1500 10235.0 Taiwan
                           CNA
1330 1500 10960.0 Taiwan
                           CNA
1330 1500 16224.0 Taiwan
                           CNA
1330 1600 8,137.5 Turkey
                           AA
1400 1500 12186.0 Libya
                          JANA
                                  1
1400 1500 14760.0 China
                          XINHUA
1400 1500 16035.0 Japan
                           KYODO
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RTTY Frequencies Cont

```
1400 1600 14923.0 China
                          XINHUA
1400 1630 12228.4 China
                          XINHUA
1400 1730 11430.0 Korea Nth KCNA
1430 1500 13563.0 Taiwan
                           CNA
1430 1700 11680.0 China
                          XINHUA
1500 0400 11606.0 China
                          XINHUA
                          MFA
1500 1530 11092.4 Bulgaria
1500 1530 16117.0 Senegal
                           PANA
                                    6
1500 1550 14764.0 Bahrain
                           GNA
1500 1600 8,137.0 China
                          XINHUA
1500 1600 20085.0 Italy
                          ANSA
                                  3
1500 1600 20372.0 Italy
                         ANSA
                                  3
1500 1600 20372.0 Italy
                         ANSA
                                  3
1500 1600 22955.0 Italy
                         ANSA
                                  3
1500 1600 25271.5 Italy
                         ANSA
                                  3
1500 1730 7,959.0 Iran
                         IRNA
1500 1730 8,020.0 Korea Nth KCNA
1500 1730 9,395.0 Korea Nth KCNA
1500 1730 10580.0 Korea Nth KCNA
1500 1730 13780.0 Korea Nth KCNA
1500 1730 19980.0 Iran
                         IRNA
1530 1600 7,801.0 Iran
                         IRNA
1530 1600 12212.5 Serbia
                          TANJUG
1530 1600 13440.0 Serbia
                           TANJUG
                                    6
1600 1700 20560.0 Libya
                          JANA
                                   1
1700 1730 7.806.0 Serbia
                          TANJUG
1700 1730 7,959.0 Iran
                         IRNA
1700 1800 9,114.0 Hungary MTI
1700 1800 12120.5 Sudan
                           SUNA
1700 1800 18788.0 Sudan
                           SUNA
1700 1830 6,972.0 Romania ROMPRESS
1700 1900 5,055.0 Jordan
                          PETRA
1700 1900 6,830.0 Jordan
                          PETRA
1700 1900 9.463.0 Jordan
                          PETRA
1705 1800 19463.0 Sudan
                           SUNA
1730 1830 12186.0 Libya
                          JANA
                                   1
1730 1900 9.417.0 China
                          XINHUA
1730 2000 7,520.0 China
                          XINHUA
1730 2000 7,887.0 China
                          XINHUA
1730 2100 7.650.0 China
                          XINHUA
                                   1
1730 2400 9,491.0 China
                          XINHUA
                                   Int.
1800 1830 9,133.0 Albania
                          ATA
1800 1830 9,430.0 Albania
                          ATA
1800 1900 12745.5 Japan
                           KYODO
1800 1900 22892.5 Italy
                          ANSA
                                  3
1800 2100 8.020.0 Korea Nth KCNA
1800 2100 11476.0 Korea Nth KCNA
1830 1900 3,560.0 Syria
                          SANA
1830 1900 11080.0 Syria
                          SANA
1900 2100 7,959.0 Iran
                         IRNA
1900 2230 8,049.0 Iran
                         IRNA
                                 Int.
2100 2330 5,240.0 Serbia
                          TANJUG 6
2100 2330 7,658.0 Serbia
                          TANJUG 6
2100 2330 7,806.0 Serbia
                          TANJUG 6
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RTTY Frequencies Cont

2100 2330	7,996.0 Serbia TANJUG	6	
2130 2300	11476.0 Korea Nth KCNA		
2130 2300	12175.0 Korea Nth KCNA		
2130 2300	13580.0 Korea Nth KCNA		
2330 0200	9,417.0 China XINHUA		
2330 0200	9,491.0 China XINHUA		
2330 2400	11172.0 Bulgaria MFA		
	•		

NOTES

- 1. Transmissions may be sporadic within the time periods listed.
- 2. INA transmissions erratic.
- 3. ANSA is also transmitted via Singapore. Current schedule for these additional transmitters not known.
- 4. KYODO traansmissions are NOT RTTY but in FAX format 120/576.
- 5. MAP noted on 15645.9 or 15674.9 or 15752.7
- 6. These agencies reported at other times on this frequency. Compiled by Morrison Hoyle August 8, 1996 from own observations aided by reports from monitors to World Utility News, Cumbre DX homepage and from schedules broadcast by many of the Press services themselves.

Popular Shortwave Frequencies

SHORTWAVE BROADCAST BANDS

3900 - 4000 75 Meters

4750 - 5060 60 Meters

5850 - 6200 49 Meters

7100 - 7350 41 Meters

9400 - 9900 31 Meters

11600 - 12050 25 Meters

13570 - 13800 22 Meters 15100 - 15800 19 Meters

17480 - 17900 16 Meters

18900 - 19020 15 Meters

21450 - 21850 13 Meters

25600 - 26100 11 Meters

Distress and Rescue HF Frequencies

UK Air/Sea Rescue 2182.0 **Distress** 3023.0 Nimrods etc. (Night primary) 3085.0 Night frequency 3089.0 Night (Secondary) 3488.0 Gt. Yarmouth 4340.0 NATO (primary) 5680.0 Day (primary) 5699.0 Day (secondary) 8364.0 Communications

Common "10" Codes

CODE	DEFINITION
10-1	RECEIVING POORLY
10-2	RECEIVING WELL
10-3	STOP TRANSMITTING
10-4	MESSAGE UNDERSTOOD
10-5	RELAY MESSAGE
10-6	BUSY, STAND BY
10-7	OUT OF SERVICE
10-8	IN SERVICE
10-9	REPEAT MESSAGE
10-10	RESIDENCE
10-13	CARRYING PASSENGERS
10-19	RETURN TO STATION
10-20	WHAT IS YOUR LOCATION
10-21	CALL BY PHONE
10-22	CALL BY RADIO
10-23	MEET OFFICER
10-28	VEHICLE INFORMATION
10-29	WARRANTS & ARRESTS
10-30	IMPROPER USE OF RADIO
10-36	TIME CHECK
10-38	PERSON OR VEHICLE CHECK
10-42	SUICIDE
10-43	LUNCH BREAK
10-45	FATALITY
10-50	ACCIDENT
10-51	TOW TRUCK NEEDED
10-52	AMBULANCE NEEDED
10-60	SUBJECT NEGATIVE
10-61	SUBJECT HAS RECORD-NOT WANTED
10-62	SUBJECT POSSIBLY WANTED
10-63	SUBJECT WANTED
10-64	PROCEED WITH CAUTION
10-65	ASSIST 10-64
10-66	SUBJECT IN OBSERVATION CATEGORY
10-67	SUBJECT IN PAROLEE CATEGORY
10-68	SUBJECT IN CHARGED CATEGORY
10-90	ALARM
10-92	PRISONER

Common Ambulance Codes

CODE	DEFINITION	
1	NON-IMPORTANT CALL	
2	SCHEDULED CALL	
3	PROMPT CALL, NO LIFE THREAT	
4	EMERGENCY-LIGHTS ON, SIREN OPTIONAL	
5	OBVIOUSLY DEAD	
6	LEGALLY DEAD	
7	UNSTAFFED AT STATION	
8	UNIT DEPLOYED FOR STADBY	
9	UNIT IN FOR SERVICE	
19	NON-ESSENTIAL CALL	

Common Airport Ambulance Codes

	Common / m port / misulance Couce			
CODE	DEFINITION			
1A	CRASH, AIRCRAFT ON AIRPORT			
1B	CRASH, AIRCRAFT OFF AIRPORT			
1C	MALFUNCTION, AIRCRAFT IN FLIGHT			
1D	MALFUNCTION, AIRCRAFT ON GOUND			
1E	BOMB THREAT ON AIRCRAFT			
1F	HIJACK			
2A	STRUCTURAL FIRE IN AIRPORT			
2B	BOMB TRHEAT ON BUILDING			
2C	STRUCTURAL MALFUNCTION			
2D	FUEL SPILL			
2E	CHEMICAL SPILL			
2F	RADIO-ACTIVE SPILL			
3A	MEDICAL EMERGENCY ON AIRCRAFT			
3B	MEDICAL EMERGENCY OFF AIRCRAFT			

Common Police Car Lights & Siren Codes

CODE	DEFINITION	
-1-	AT YOUR CONVENIENCE	
-2-	WITH LIGHTS	
- 3 -	LIGHTS & SIREN	
- 4 -	-4- CAUTION	
- 5 -	RADIO SILENCE	

Scanning Abbreviations

Abbreviation	Definition
211	Mentally Ill Patient
253	Impaired Driver [OPP]
799	Air Ambulance [also 796,797,798]
ABH	Assault Causing Bodily Harm
ALS	Advanced Life Support [PARAMEDICS]
APB	All Points Bulletin
ARC	Accident Reporting Centre
ARU	Alternate Response Unit
B&E	Break and Enter
BLS	Basic Life Support
CACC	Central Ambulance Communication Centre
CIB	Criminal Investigation Bureau
CCB	Critical Care By-Pass
CNI	Criminal Name Index
COP	Constable on Patrol
СР	Command Post
CPIC	Canadian Police Information Centre
CPR	Cardio Pulmonary Resuscitation
CSIS	Canadian Security & Intelligence Service
CSO	Community Services Officer
CTU	Central Traffic Unit
DAS	Department of Ambulance Services
DI	Duty Inspector
DL	Driver's License
DOA	Dead on Arrival
DOS	Date of Birth
ERT	Emergency Response Teem
ERU	Emergency Response Unit
ESU	Emergency Support Unit
ЕТА	Estimsted Time of Arrival
ETF	Emergency Task Force
ETU	East Traffic Unit

FAC	Firearms Accuision Certificate
GOA	Gone on Arrival
HBD	Has Been Drinking
HQ	Headquarters
НТА	Hiphway Traffic Act
IDENT	Forensic Identification
IS	In Service
ISS	Investigation Support Unit
MC	Motorcyle
MARKER	License Plate
MDT	Mobile Data Terminal
MHA	Mental Health Act
MI	Mentally Ill
MI	Mio Cardial Infraction [DAS]
MITRE	Portable radio
MPU	Multiple Patienl Unit
MSS	Mobile Support Services
MTO	Ministry of Transportation
MU	Marine Unit
MVA	Motor Vehicle Accident
MVC	Motor Vehicle Collision
NCI	National Crime Information Centre
NCO	Non-Commissioned Officer
NTU	North Traffic Unit
OFM	Ontario Fire Marshal
OPC	Ontario Police Commission
PC	Police Constable
PD	Police Department
PD	Property Damage MVC
PDS	Police Dog Services
PI	Personal Injury MVA
PS	Patrol Sargent
RDC	Re-Direct Unless Critical
RO	Registered Owner
RTF	Report To Follow

SOB	Shortness of Breath
SOCO	Scenes of Crime Officer
SWAT	Special Weapons And Tactics
ТВ	Breath Technician
TOA	Time of Arrival
TSS	Traffic Support Services
TSU	Traffic Support Unit
TTAI	Technical Traffic Accident Investigator
VSA	Vital Signs Absent
WTU	West Traffic Unit
YB	Youth Bureau
YO	Young Offender